

# AIR QUALITY MONITORING REPORTS 1978

## Volume 3



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EV 665

A35  
V.3



Ontario

Ministry  
of the  
Environment

Hon. Harry C. Parrott, D.D.S.,  
Minister

Graham W. S. Scott,  
Deputy Minister

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# AIR QUALITY MONITORING REPORT

## ONTARIO 1978

### VOL.3



Ontario

Ministry  
of the  
Environment

Hon. Harry C. Parrott, D.D.S.,  
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Deputy Minister

SOILING INDEXC O N T E N T S

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Station Number	Location	No. of Months	Page
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	5	0	3	3	0	5	2	2	0	2	
2	0	3	2	3	2	2	2	2	0	2	3	5	2	
3	2	0	3	3	7	5	2	25	2	7	2	7	5	
4	2	4	0	3	9	4	5	4	3	5	9	7	5	
5	12	7	8	3	9	6	13	9	5	2	3	9	7	
6	9	3	7	3	9	3	5	9	3	3	9	3	6	
7	2	1	0	6	7	5	9	8	9	6	6	9	6	
8	8	11	8	7	8	7	3	5	0	0	2	2	5	
9	0	2	1	5	0	1	2	1	4	1	2	0	2	
10	1	2	2	0	1	2	5	3	4	1	2	3	2	
11	2	2	4	7	4	4	5	3	6	6	7	5	5	
12	8	6	6	6	11	11	15	8	3	3	4	4	7	
13	7	0	7	0	1	4	5	5	2	3	2	5	3	
14	2	1	2	2	2	0	2	0	2	2	4	2	2	
15	2	0	2	2	3	6	4	0	2	2	1	2	2	
16	3	6	6	4	6	5	5	5	4	8	8	7	6	
17	7	9	4	4	23	0	3	3	2	2	0	0	5	
18	2	3	4	4	8	2	3	0	7	1	3	0	3	
19	7	2	1	4	7	6	***	3	2	4	0	3	4	
20	2	0	2	5	2	3	5	2	4	3	0	0	2	
21	3	3	2	3	2	3	3	0	3	0	2	4	2	
22	4	5	2	5	2	2	5	3	5	7	12	9	5	
23	9	7	3	9	9	3	7	7	7	9	5	4	7	
24	12	3	3	9	9	13	3	3	4	9	7	3	7	
25	9	5	5	5	2	4	3	7	2	3	2	4	4	
26	0	2	7	2	3	5	2	3	0	1	3	3	3	
27	0	0	2	0	3	2	0	5	5	2	2	3	2	
28	3	3	0	5	2	5	0	3	3	0	3	0	2	
29	3	2	2	0	0	2	0	3	9	3	2	3	2	
30	0	3	7	0	5	0	9	3	4	2	9	7	4	
31	6	6	5	9	9	3	5	5	2	2	5	0	5	
MEAN	4	3	3	4	5	4	4	4	4	3	4	4	4.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	12	7	6	6	***	8	5	4	7	5	0	6	6	
2	9	8	11	14	7	1	0	3	2	1	3	5	5	
3	3	4	1	7	11	3	0	2	4	0	8	3	4	
4	2	2	2	0	2	6	2	3	3	13	0	1	3	
5	3	2	6	2	2	3	4	0	5	1	5	2	3	
6	4	0	2	0	2	2	4	3	0	2	4	1	2	
7	6	0	2	6	2	2	2	4	2	1	2	2	3	
8	3	3	10	2	11	4	7	5	2	2	2	0	4	
9	2	1	2	6	4	2	2	4	4	0	7	3	3	
10	3	1	2	9	6	4	4	0	2	8	6	3	4	
11	0	7	3	6	7	4	2	1	5	1	4	3	4	
12	2	4	1	0	4	8	2	0	3	3	0	0	2	
13	4	4	5	4	4	0	1	0	6	1	1	0	3	
14	1	2	3	3	10	2	2	2	0	0	10	6	3	
15	2	3	2	4	9	8	6	10	0	2	1	2	4	
16	2	4	0	1	5	1	4	2	4	4	4	2	3	
17	4	3	7	9	8	3	8	4	4	2	7	9	6	
18	5	2	4	3	6	7	8	3	3	2	3	4	4	
19	5	5	2	3	10	2	4	2	2	2	0	7	4	
20	3	4	4	9	11	5	0	5	6	2	2	3	5	
21	9	7	7	10	12	0	2	3	2	0	3	2	5	
22	0	3	3	4	5	2	3	2	0	5	8	10	4	
23	4	8	2	8	1	8	7	5	5	5	6	6	5	
24	3	2	4	3	5	2	7	3	2	4	1	0	3	
25	0	1	2	2	2	3	3	6	0	0	1	4	2	
26	0	2	3	0	0	0	0	0	0	0	0	2	1	
27	2	2	3	5	3	2	4	2	3	3	2	3	3	
28	3	0	9	2	9	3	9	5	5	7	5	3	5	
MEAN	3	3	4	5	6	3	4	3	3	3	3	3	3.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	2	3	1	2	2	0	3	0	2	2	2
2	7	5	3	5	13	2	5	0	5	0	7	5	5	5
3	0	0	3	2	4	5	0	0	0	5	4	5	2	2
4	0	2	0	3	0	3	2	0	7	0	4	2	2	2
5	3	0	2	5	4	5	2	3	0	0	5	7	3	3
6	9	7	2	3	7	5	0	9	5	3	9	7	6	6
7	5	9	5	9	3	0	7	0	3	0	5	0	4	4
8	0	1	0	2	5	3	0	3	****	5	7	8	3	3
9	3	9	13	9	9	12	5	5	5	5	9	12	8	8
10	9	7	5	7	7	2	1	7	3	5	2	2	5	5
11	6	9	5	7	4	4	5	3	5	7	7	8	6	6
12	9	5	7	3	2	3	2	0	2	0	0	2	3	3
13	9	3	2	4	5	5	2	2	7	7	2	3	4	4
14	7	2	5	3	2	9	2	5	4	4	0	1	4	4
15	2	0	2	7	9	5	0	6	3	5	5	2	4	4
16	6	0	1	0	2	2	0	7	2	6	3	2	3	3
17	3	0	0	7	0	0	2	8	3	3	3	0	2	2
18	2	2	3	6	5	0	4	0	3	2	7	2	2	2
19	2	3	2	0	0	0	2	6	0	5	5	4	2	2
20	0	2	4	7	0	2	2	5	0	0	0	0	2	2
21	4	4	5	1	0	2	33	3	3	5	3	1	5	5
22	4	6	4	7	7	9	7	5	7	11	5	5	6	6
23	5	3	8	5	9	2	3	0	9	0	2	0	4	4
24	2	5	2	2	3	4	0	0	5	1	3	1	2	2
25	2	4	0	8	2	2	1	3	0	0	0	3	2	2
26	2	2	0	2	7	2	7	5	0	0	0	1	2	2
27	2	0	0	5	2	3	0	2	0	3	9	3	2	2
28	7	0	5	5	2	7	11	0	0	3	0	2	4	4
29	2	7	3	9	3	3	0	1	2	4	3	8	4	4
30	11	0	2	11	9	2	3	3	5	2	6	5	5	5
31	7	3	6	5	5	6	3	2	****	9	9	9	6	6
MEAN	4	3	3	5	4	4	4	3	3	3	4	4	3.7	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	9	0	2	4	4	0	3	0	4	0	3	3
2	4	4	0	0	2	0	0	3	0	0	0	0	1	1
3	7	0	4	2	3	0	4	3	2	5	0	5	3	3
4	7	8	11	2	9	11	11	13	16	2	4	0	8	8
5	0	5	5	4	9	3	8	3	3	15	9	5	6	6
6	5	3	0	2	3	0	3	8	7	7	9	15	5	5
7	0	2	3	15	8	1	6	3	2	3	2	3	4	4
8	4	0	7	2	0	3	9	0	3	2	0	2	3	3
9	2	2	1	0	2	0	2	0	5	0	2	3	2	2
10	2	2	0	2	2	5	5	8	5	2	13	8	5	5
11	7	6	2	2	8	6	0	2	2	7	2	7	5	5
12	9	5	1	10	5	7	9	6	2	0	7	9	6	6
13	6	4	5	2	0	3	3	7	0	0	1	6	3	3
14	1	13	11	2	9	1	7	4	8	2	2	2	5	5
15	9	6	3	0	2	1	3	0	1	6	3	1	3	3
16	7	0	6	3	6	6	2	9	3	7	9	1	5	5
17	3	5	2	11	7	4	5	2	0	0	0	3	4	4
18	2	3	3	0	5	0	2	3	2	2	3	3	2	2
19	2	5	6	2	11	11	0	-	-	9	7	2	6	6
20	0	5	0	2	4	5	2	0	0	5	0	2	2	2
21	2	1	2	3	7	5	0	2	0	0	2	4	2	2
22	3	7	5	3	3	5	0	3	5	9	3	0	4	4
23	2	3	3	3	5	2	0	3	2	2	0	0	2	2
24	0	5	0	2	11	17	4	6	4	0	7	3	5	5
25	1	2	0	7	3	2	0	5	2	4	2	1	2	2
26	2	2	4	2	7	3	0	3	2	5	6	2	3	3
27	4	2	1	2	7	2	4	1	2	5	6	2	3	3
28	0	2	2	0	7	0	2	1	6	6	7	9	4	4
29	3	7	13	11	3	7	3	2	2	9	3	3	6	6
30	3	0	5	2	0	2	0	3	0	2	0	5	2	2
MEAN	3	4	4	3	5	4	3	4	3	4	4	4	3.7	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	7	0	2	6	6	0	3	2	2	2	7	3	
2	7	2	6	2	3	0	2	2	7	3	4	5	4	
3	2	7	9	17	15	9	7	2	2	0	0	2	6	
4	4	4	5	5	0	2	5	3	2	3	2	3	3	
5	4	0	6	5	2	4	0	0	9	7	0	0	3	
6	2	2	9	4	10	2	3	4	2	0	3	2	4	
7	3	0	2	3	0	0	0	0	0	2	7	2	2	
8	4	0	0	6	3	5	3	5	6	2	2	5	3	
9	5	13	2	8	0	2	0	***	1	0	0	0	3	
10	4	2	0	2	2	0	2	2	0	7	2	5	2	
11	4	8	2	3	3	8	2	9	7	6	0	4	5	
12	2	2	0	3	1	4	3	2	2	0	3	3	2	
13	2	0	7	2	0	0	2	4	0	0	4	2	2	
14	2	0	3	4	2	2	1	4	3	3	1	5	3	
15	0	0	0	4	2	2	2	0	0	1	0	0	1	
16	0	2	5	2	2	3	2	3	2	2	5	0	2	
17	9	8	2	6	3	***	***	2	4	0	4	6	4	
18	9	5	0	7	7	8	15	3	2	5	0	11	6	
19	5	11	9	11	2	5	4	0	2	5	5	4	5	
20	9	2	7	11	7	5	4	3	4	5	0	0	5	
21	0	0	0	0	0	0	0	1	1	4	2	4	1	
22	0	4	6	3	9	5	1	1	2	2	0	0	3	
23	2	2	3	2	4	5	5	0	1	2	9	4	3	
24	3	4	2	11	4	2	2	0	0	0	5	1	3	
25	10	2	10	23	12	3	5	5	3	2	2	9	7	
26	5	11	7	15	9	11	11	8	9	4	9	15	10	
27	7	13	15	12	22	13	2	7	5	2	6	5	9	
28	9	13	16	11	8	5	0	10	0	1	5	1	7	
29	7	4	3	8	3	***	5	1	5	3	3	4	4	
30	5	7	11	10	12	8	7	10	6	10	1	6	8	
31	11	5	6	3	5	6	0	0	0	5	7	4	4	
MEAN	4	5	5	7	5	4	3	3	3	3	3	4	4.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	4	0	2	2	5	7	5	6	9	6	10	5	
2	10	6	7	2	8	7	6	5	3	5	4	0	5	
3	2	1	2	2	5	2	4	0	4	0	3	9	3	
4	4	5	2	5	2	0	0	4	6	2	6	2	3	
5	2	5	2	3	4	2	3	3	0	2	5	2	3	
6	8	2	8	7	6	2	3	2	3	2	6	2	4	
7	7	7	7	13	7	5	2	0	2	4	5	4	5	
8	7	1	5	3	7	2	4	2	1	4	3	2	3	
9	7	2	6	8	8	2	5	4	3	3	3	2	4	
10	6	4	0	2	2	6	8	3	3	6	2	2	4	
11	3	3	6	3	11	3	4	6	2	3	3	3	4	
12	2	5	10	3	8	6	2	8	0	1	1	2	4	
13	2	0	0	2	2	6	7	3	2	3	2	0	2	
14	5	5	2	2	3	0	2	2	2	4	2	4	3	
15	1	0	7	8	5	7	5	2	8	2	5	4	5	
16	2	7	7	9	7	6	6	7	6	10	2	9	7	
17	9	3	6	7	1	3	6	7	3	6	2	1	5	
18	0	3	4	4	5	0	5	2	0	2	5	4	3	
19	0	0	1	5	2	2	2	4	2	0	11	6	3	
20	2	1	9	4	***	0	2	0	4	2	5	5	3	
21	0	7	7	9	9	7	2	2	3	5	2	7	5	
22	5	7	5	13	4	0	5	2	5	0	7	5	5	
23	3	3	2	5	2	2	5	7	0	0	4	2	3	
24	5	0	0	2	3	3	4	0	0	4	0	0	2	
25	0	0	2	5	5	0	2	5	2	3	0	5	2	
26	0	3	5	7	5	12	5	9	3	2	5	13	6	
27	12	9	14	12	9	2	7	4	5	2	5	2	7	
28	0	2	9	9	9	2	7	2	2	3	3	12	5	
29	5	2	3	5	3	2	3	5	3	5	2	12	4	
30	7	3	5	5	3	7	0	5	3	2	2	3	4	
MEAN	4	3	5	6	5	3	4	4	3	3	4	4	4.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002

CITY HALL 444 WINDSOR AVE WINDSOR

MONTH - JUL 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	9	7	0	0	0	2	3	2	2	2	3
2	0	2	0	0	0	0	2	2	0	0	0	0	1
3	0	5	2	2	5	2	3	2	2	2	2	3	3
4	3	2	0	4	3	5	5	5	5	3	2	3	3
5	2	9	5	2	5	2	5	3	0	1	2	7	4
6	5	2	5	3	5	5	5	9	3	3	3	7	5
7	7	12	12	9	4	5	3	7	3	3	5	3	6
8	4	3	7	2	2	3	3	0	0	0	0	0	2
9	0	4	7	7	5	3	5	0	0	3	5	5	4
10	0	2	0	***	***	3	0	2	2	2	2	0	1
11	0	4	4	2	3	0	2	0	3	0	0	7	2
12	2	5	9	5	3	0	2	2	2	0	3	2	3
13	7	5	3	5	5	7	9	4	7	3	5	4	5
14	3	5	5	0	0	3	2	3	2	2	4	1	3
15	3	3	3	9	5	3	2	3	3	5	2	2	4
16	0	3	3	2	0	2	0	0	2	0	3	2	1
17	0	3	3	5	0	0	2	2	1	7	2	0	2
18	2	4	7	5	2	7	2	3	2	5	2	3	4
19	5	5	7	9	7	5	2	5	5	2	5	5	5
20	3	7	11	13	12	15	9	4	5	3	5	2	7
21	8	10	0	5	5	3	9	7	13	8	6	7	7
22	7	5	4	7	3	3	5	5	2	5	1	5	4
23	3	4	2	1	2	0	0	1	0	0	0	2	1
24	1	1	0	3	2	1	0	0	2	0	0	1	1
25	2	2	3	9	8	3	3	3	3	4	3	4	4
26	3	3	4	7	7	5	***	4	4	2	9	8	5
27	4	3	7	5	6	7	3	0	0	2	4	2	4
28	2	0	1	3	3	0	1	1	2	2	2	3	2
29	2	0	6	3	9	1	2	3	2	3	2	0	3
30	0	2	3	0	2	2	0	3	0	2	0	0	1
31	0	0	2	5	4	2	0	5	6	3	5	6	3
MEAN	3	4	4	5	4	3	3	3	3	2	3	3	3.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002

CITY HALL 444 WINDSOR AVE WINDSOR

MONTH - AUG 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	11	21	13	11	7	4	5	0	3	4	3	8
2	2	2	5	9	2	9	3	3	2	3	7	2	4
3	5	7	5	0	0	0	7	0	2	0	2	0	2
4	2	2	13	4	0	3	2	0	3	7	3	5	4
5	3	12	3	3	1	3	5	2	4	2	0	4	4
6	2	5	2	3	3	5	3	0	2	5	2	0	3
7	3	5	7	7	2	0	3	2	2	2	2	5	6
8	5	7	9	13	12	7	3	2	5	3	4	2	4
9	7	5	7	9	9	5	5	2	0	2	0	2	4
10	0	0	3	5	2	3	2	3	3	3	3	4	3
11	0	5	3	5	3	3	5	3	5	2	0	2	3
12	5	2	3	3	0	2	0	2	2	0	0	2	2
13	7	7	7	5	2	4	2	2	0	3	0	3	4
14	3	9	9	14	17	2	2	5	3	2	3	0	6
15	3	7	7	5	12	7	7	3	3	0	0	5	5
16	3	5	0	6	2	3	0	7	5	3	4	3	3
17	3	3	5	9	2	2	0	2	9	0	2	6	4
18	7	5	7	3	5	7	3	2	2	2	2	2	4
19	5	2	2	0	7	4	5	2	2	3	2	0	3
20	3	2	2	0	0	0	0	0	0	5	2	3	1
21	3	2	3	5	2	5	0	0	0	3	0	0	2
22	3	5	7	7	***	9	0	0	2	3	0	5	7
23	9	9	9	9	13	9	3	5	9	7	5	7	8
24	18	23	13	12	9	9	9	2	2	5	7	3	9
25	5	3	12	4	2	5	4	2	2	1	0	3	3
26	2	0	2	2	0	4	2	0	0	2	4	2	2
27	2	2	0	1	2	0	5	0	2	5	0	2	2
28	0	0	3	2	3	8	6	9	3	2	2	4	4
29	7	9	10	4	7	3	6	2	0	2	4	6	5
30	4	11	15	8	7	2	10	5	5	8	7	13	8
31	0	1	2	6	0	3	1	0	5	0	2	3	2
MEAN	4	5	6	6	5	4	3	3	3	3	3	3	4.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	5	10	10	12	5	3	0	3	3	4	3	5	
2	4	7	7	9	4	2	9	5	6	2	4	9	6	
3	3	4	2	5	0	0	2	0	2	0	0	3	2	
4	0	2	3	2	0	1	3	2	1	2	0	4	2	
5	2	2	9	8	9	4	3	0	5	9	8	7	6	
6	4	8	15	14	4	5	6	4	3	4	3	7	6	
7	5	8	11	8	5	3	6	3	6	2	2	2	5	
8	3	2	8	6	9	8	2	2	3	4	2	2	4	
9	3	2	3	2	2	0	0	2	0	0	2	2	2	
10	0	3	2	9	5	0	3	4	2	3	3	3	3	
11	8	14	9	5	5	2	2	9	4	9	5	10	7	
12	2	2	0	3	0	4	1	1	0	3	1	0	1	
13	0	0	2	1	2	2	2	0	0	0	5	2	1	
14	9	4	5	5	1	0	***	2	10	2	0	2	4	
15	2	4	3	4	0	0	0	2	2	2	0	3	2	
16	7	2	0	4	2	0	0	2	2	0	0	0	2	
17	0	0	0	3	2	2	1	0	0	0	3	5	1	
18	5	2	2	0	2	0	3	***	2	2	2	2	2	
19	2	1	0	3	1	2	2	3	2	2	2	0	2	
20	0	2	2	3	9	5	5	3	2	0	2	6	3	
21	5	6	9	9	9	2	2	0	0	2	0	0	4	
22	2	2	2	3	0	2	0	2	0	2	0	3	2	
23	3	2	0	9	3	0	0	3	0	2	3	0	2	
24	3	1	3	3	5	0	0	3	3	0	3	0	2	
25	0	0	3	1	0	2	0	0	0	0	0	2	1	
26	3	0	1	0	2	0	3	0	0	0	2	0	1	
27	4	5	7	2	2	5	3	0	3	0	0	2	3	
28	1	1	3	3	0	0	0	0	1	0	3	0	1	
29	3	2	2	2	2	0	2	2	2	3	1	1	2	
30	1	2	4	3	3	2	3	1	3	1	0	0	2	
MEAN	3	3	4	5	3	2	2	2	2	2	2	3	2.8	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	0	0	0	1	0	1	0	1	2	1	
2	1	2	3	4	7	2	0	0	3	2	0	2	2	
3	1	0	1	5	1	1	3	2	1	2	5	2	2	
4	2	4	2	2	7	3	0	***	3	0	2	4	3	
5	1	2	0	3	2	0	2	4	0	4	0	2	2	
6	0	1	2	2	1	3	1	2	3	0	2	0	1	
7	3	0	2	0	0	2	1	1	3	0	0	0	1	
8	2	0	0	0	2	2	0	0	0	2	2	2	1	
9	6	4	8	7	3	2	0	0	3	2	2	0	3	
10	2	2	4	2	2	5	2	0	3	2	2	3	2	
11	0	1	3	2	2	2	3	3	0	3	0	3	2	
12	1	1	3	2	4	1	0	2	3	0	2	2	2	
13	2	0	3	0	5	0	2	***	***	-	-	-	*****	
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	2	1	3	2	3	2	1	1	2	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 40.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 58.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.0	7	25
FEB	28	3.6	6	14
MAR	31	3.7	8	33
APR	30	3.7	8	17
MAY	31	4.1	10	23
JUN	30	4.0	7	14
JUL	31	3.3	7	15
AUG	31	4.0	9	23
SEP	30	2.8	7	15
OCT	12	1.8	3	8
YEAR	285	3.6	10	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	239	121	9	0	2	0	0	371
FEB	238	89	8	0	0	0	0	335
MAR	230	131	8	0	0	1	0	370
APR	239	101	16	2	0	0	0	358
MAY	233	108	23	2	2	0	0	368
JUN	212	136	11	0	0	0	0	359
JUL	260	102	7	0	0	0	0	369
AUG	236	116	15	2	2	0	0	371
SEP	288	65	5	0	0	0	0	358
OCT	141	9	0	0	0	0	0	150
YEAR	2316	978	102	6	6	1	0	3409

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.4	0	0.0	1.3	2.3	4.2	7.5	8.8	11.4	12.8	33	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT							
STATION - SW NO 12010							TECUMSEH SEWAGE STN MANNING RD WINDSOR				MONTH - JAN 78			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	5	0	2	2	4	4	3	2	3	
2	1	2	1	0	1	4	0	3	-	-	-	-	2	
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5	-	-	-	-	-	-	-	-	****	7	2	5	*****	
6	2	5	3	4	0	2	3	0	5	4	5	0	3	
7	8	2	2	3	13	9	7	12	2	7	3	2	6	
8	7	2	7	2	7	5	2	6	2	3	7	0	4	
9	5	1	2	0	2	0	5	3	2	0	0	0	2	
10	0	0	0	0	3	3	2	****	3	4	0	2	2	
11	3	0	2	0	3	0	3	2	3	2	5	5	2	
12	3	5	7	2	7	2	5	7	0	2	5	0	4	
13	0	0	0	5	0	5	2	3	4	0	0	2	2	
14	3	0	0	0	2	0	0	5	0	2	0	5	1	
15	0	3	0	5	0	0	0	0	0	5	0	0	1	
16	2	0	5	0	0	0	2	0	2	5	3	5	2	
17	3	3	9	0	3	0	0	2	0	0	2	0	2	
18	0	2	0	5	2	3	0	5	3	4	2	2	2	
19	3	0	2	0	0	3	3	0	0	2	0	0	1	
20	3	0	2	5	0	3	0	0	4	0	0	0	1	
21	0	0	0	0	0	5	2	2	9	2	12	3	3	
22	2	4	5	5	0	3	3	3	2	0	7	4	3	
23	0	5	2	3	2	0	7	0	12	0	5	0	3	
24	0	2	5	3	9	7	2	3	0	9	2	7	4	
25	5	0	0	0	3	5	0	****	-	-	-	-	*****	
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30	-	-	-	-	-	2	2	7	2	3	2	2	*****	
31	0	3	0	1	6	7	0	4	2	3	3	0	2	
MEAN	2	2	2	2	3	3	2	3	3	3	3	2	2.5	

PERCENTAGE OF DATA VALID - 74.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 25.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COHS/1000 FT						
	STATION - SW NO 12010				TECUMSEH SEWAGE STN MANNING RD WINDSOR				MONTH - FEB 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	5	0	7	0	4	3	0	1	2	3	0	3	
2	1	0	3	0	5	3	0	2	0	0	0	0	1	
3	0	0	0	7	0	2	3	0	0	2	4	2	2	
4	0	2	3	0	0	3	0	0	0	2	0	2	1	
5	3	2	0	3	0	0	3	0	5	0	2	0	2	
6	0	0	2	3	2	0	0	0	0	0	0	0	1	
7	4	0	2	0	5	3	0	0	2	5	0	0	2	
8	3	2	0	2	0	0	0	2	3	3	2	0	1	
9	5	0	5	0	0	1	5	0	4	0	2	9	3	
10	7	2	2	7	5	12	3	0	0	0	5	0	4	
11	5	2	3	3	4	7	0	3	0	0	0	0	2	
12	3	2	3	3	5	0	2	0	2	2	0	0	2	
13	3	3	0	0	5	0	***	0	1	2	0	0	1	
14	0	5	0	2	5	3	2	3	0	0	0	0	2	
15	4	4	4	2	0	3	3	2	0	5	8	2	3	
16	2	5	5	0	0	0	5	2	1	2	0	3	2	
17	0	3	0	5	5	5	3	8	5	2	1	7	4	
18	0	2	2	5	3	1	9	3	0	2	2	5	3	
19	9	7	2	2	1	0	0	2	5	0	0	5	3	
20	2	2	5	13	5	2	2	0	0	5	2	5	4	
21	0	5	10	7	2	7	0	2	5	1	0	2	3	
22	0	2	5	0	0	2	0	2	0	3	0	0	1	
23	3	0	3	2	2	3	5	5	1	6	19	9	5	
24	0	3	2	0	1	0	0	0	0	2	0	0	1	
25	0	3	2	0	2	0	0	0	1	5	4	0	1	
26	2	0	3	0	2	0	3	2	0	2	0	0	1	
27	2	2	3	4	2	3	0	0	0	1	2	0	2	
28	0	0	0	4	3	7	0	0	5	0	5	0	2	
MEAN	2	2	2	3	2	3	2	1	1	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COHS/1000 FT					
STATION - SW NO 12010								MONTH - MAY 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	2	3	0	2	0	2	0	0	2	
2	0	3	0	2	0	0	0	0	0	3	2	3	1
3	0	0	5	3	2	11	5	3	0	4	0	0	3
4	0	2	0	2	3	2	0	2	2	3	1	3	2
5	2	0	0	2	2	0	3	0	0	0	2	2	1
6	0	2	2	3	0	0	0	3	5	5	0	2	2
7	0	3	3	0	5	2	3	0	0	3	0	3	2
8	2	5	0	0	0	2	0	0	0	0	2	3	1
9	6	3	0	13	2	1	0	2	0	0	3	0	3
10	2	3	0	0	2	----	2	0	3	0	7	2	2
11	0	3	4	5	0	-	-	-	-	-	-	-	-----
12	-	-	-	5	2	0	5	0	2	3	0	0	2
13	2	0	4	2	4	0	0	2	0	2	5	0	2
14	0	1	2	1	5	1	0	2	2	0	4	3	2
15	0	0	3	3	0	2	2	2	2	0	2	2	2
16	0	0	0	2	0	3	2	0	2	0	0	3	1
17	2	2	0	0	4	0	----	3	0	2	2	1	1
18	4	7	4	0	3	4	2	0	2	3	0	0	2
19	5	6	2	6	2	2	4	0	3	0	4	6	3
20	3	8	2	3	4	0	3	4	0	6	4	2	3
21	5	2	0	3	0	3	3	2	0	1	0	3	2
22	0	1	0	4	1	0	0	0	0	3	0	3	1
23	0	2	0	5	3	8	2	0	2	2	3	2	2
24	5	2	3	6	5	4	0	2	3	2	6	4	4
25	2	3	5	12	17	12	11	6	6	7	7	7	8
26	9	4	3	12	12	16	12	4	4	5	8	11	8
27	8	5	4	8	10	6	4	0	3	2	5	7	5
28	7	5	2	9	6	4	4	2	2	1	5	7	5
29	0	4	2	5	3	5	3	2	5	4	6	0	3
30	3	0	3	5	2	2	0	----	2	1	0	1	2
31	2	8	1	5	3	3	0	0	3	0	4	2	3
MEAN	2	3	2	4	3	3	2	1	2	2	3	3	2.6

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COHS/1000 FT						
STATION - SW NO 12010										TECUMSEH SEWAGE STN MANNING RD WINDSOR					MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	2	0	2	0	2	3	0	2	1	0	0	3				
2	2	3	2	0	3	2	4	2	3	2	4	0				
3	1	2	2	2	2	0	0	0	0	3	0	0				
4	2	2	4	11	6	2	0	0	1	2	2	3				
5	2	2	0	2	0	1	0	0	2	0	1	2				
6	0	0	3	2	4	1	0	6	0	3	1	3				
7	6	4	3	5	2	2	0	2	2	2	2	2				
8	0	4	5	0	6	1	0	0	4	0	0	2				
9	2	2	2	9	12	0	3	2	3	0	2	0				
10	0	3	2	0	0	2	0	2	2	0	3	3				
11	2	5	2	0	0	3	2	0	0	2	0	0				
12	0	0	2	1	2	1	0	2	0	2	1	0				
13	0	1	0	0	0	1	0	0	2	1	1	0				
14	0	0	2	0	0	0	2	0	4	0	1	3				
15	2	1	2	2	3	0	2	1	0	2	2	3				
16	0	2	2	2	2	1	3	0	2	2	5	2				
17	6	2	3	3	2	0	3	4	0	0	5	0				
18	0	3	0	3	1	2	0	0	2	0	2	3				
19	2	4	2	2	1	1	0	2	0	1	4	2				
20	2	2	1	2	----	0	0	2	3	3	2	0				
21	0	2	2	0	0	3	0	0	0	2	0	0				
22	3	2	2	3	3	0	0	3	5	3	2	2				
23	0	3	2	0	0	0	2	0	0	2	0	0				
24	7	2	0	2	2	0	3	2	0	0	0	0				
25	0	3	2	3	2	0	2	5	3	2	3	7				
26	2	5	0	5	1	0	3	9	5	3	0	3				
27	0	0	2	5	7	5	2	2	0	0	2	2				
28	0	0	3	2	5	5	7	0	5	3	0	3				
29	1	7	2	7	3	2	3	3	7	2	0	2				
30	2	7	0	2	0	0	0	0	0	0	2	2				
MEAN	2	2	2	3	2	1	1	2	2	1	1	2	1.8			

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010

TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH - JUL 78

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	0	2	4	0	3	2	5	0	2
2	0	3	3	0	3	0	3	2	0	0	0	0	1
3	3	2	0	4	0	1	0	0	2	2	2	0	1
4	0	0	0	7	0	2	0	2	2	3	1	4	2
5	4	3	0	4	2	0	2	0	0	7	0	2	2
6	0	3	3	0	5	0	3	0	2	2	0	2	2
7	7	0	4	0	7	0	2	0	4	7	0	0	3
8	5	2	5	0	0	0	0	0	0	0	4	0	1
9	2	9	2	3	4	2	0	5	3	4	5	0	3
10	3	3	0	3	0	0	0	0	5	2	0	0	1
11	0	0	2	0	0	0	0	0	3	2	0	3	1
12	0	2	0	0	4	2	3	***	0	0	1	1	1
13	3	0	2	3	2	2	2	2	4	6	2	6	3
14	7	2	3	0	0	2	4	2	4	4	4	2	3
15	3	3	6	3	4	1	3	4	0	1	4	0	3
16	2	0	0	0	0	0	1	0	0	0	0	0	0
17	0	0	0	2	2	0	0	10	0	1	5	2	2
18	0	0	0	0	2	6	4	1	0	5	4	0	2
19	0	5	2	3	9	2	3	3	2	5	3	3	3
20	7	3	9	4	6	7	4	2	0	2	2	4	4
21	4	0	5	6	0	2	1	2	0	7	5	2	3
22	4	3	0	4	7	2	4	2	6	3	3	2	3
23	3	2	5	0	3	3	0	0	3	2	0	0	2
24	1	2	0	2	1	0	0	2	2	0	0	0	1
25	0	0	2	0	3	6	2	0	0	0	0	0	1
26	3	2	5	0	11	3	***	0	2	4	2	0	3
27	5	0	2	0	2	3	1	2	0	0	0	5	2
28	2	2	0	0	0	4	2	0	0	6	3	2	2
29	4	2	0	4	7	1	6	4	1	2	0	2	3
30	1	3	4	2	0	0	0	1	3	0	0	6	2
31	0	2	2	2	0	3	0	4	2	3	2	2	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010

TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH - AUG 78

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	1	6	5	5	2	2	2	0	0	5	3
2	5	0	0	2	2	***	7	7	0	1	3	5	3
3	2	0	0	5	1	0	3	3	0	0	0	0	1
4	0	0	3	3	3	7	0	0	3	0	3	0	2
5	2	3	0	3	5	2	2	3	0	9	2	5	3
6	3	5	3	5	0	3	2	0	0	2	5	0	2
7	0	2	0	3	2	5	2	3	4	2	3	0	2
8	2	9	7	7	5	7	0	0	0	0	7	2	4
9	3	3	2	3	0	2	2	3	3	2	0	0	2
10	2	0	0	0	0	2	1	0	0	2	4	0	1
11	0	2	3	0	0	2	0	2	0	2	0	4	1
12	2	0	0	2	5	4	0	2	2	2	12	31	5
13	22	4	2	5	2	5	0	3	0	2	3	5	4
14	7	1	7	3	3	1	0	0	3	0	3	0	2
15	7	5	1	3	7	0	2	0	3	0	4	0	3
16	0	2	2	0	0	3	0	2	0	0	0	2	1
17	0	7	5	5	5	2	0	0	3	0	3	5	3
18	9	3	2	7	5	0	2	2	0	5	0	5	3
19	2	7	3	0	2	2	0	4	2	0	0	0	2
20	0	0	0	0	0	0	0	0	2	0	0	0	0
21	0	5	0	3	7	0	0	2	2	13	0	5	3
22	3	3	7	12	5	5	2	0	3	9	3	0	4
23	2	3	9	9	1	9	3	4	4	3	7	2	5
24	5	3	3	2	3	3	4	2	0	5	0	0	4
25	0	0	0	0	0	4	2	0	2	0	0	0	1
26	0	0	0	0	0	2	2	1	0	3	0	0	0
27	2	2	3	4	0	5	2	0	3	0	2	0	2
28	4	0	0	5	0	0	2	2	2	7	5	2	2
29	3	4	0	0	0	4	0	0	2	0	0	9	2
30	0	0	4	4	5	0	9	0	3	4	0	2	3
31	2	2	0	0	0	0	0	0	0	2	0	2	1
MEAN	3	3	2	3	3	3	2	2	2	2	3	3	2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	5	2	0	3	5	2	0	0	2	2	2
2	2	2	0	4	2	2	0	0	0	3	0	0	1	1
3	2	0	3	2	0	0	0	0	2	2	0	0	1	1
4	0	0	2	3	2	7	3	2	0	3	5	2	2	2
5	2	3	5	0	7	4	0	2	0	0	3	0	2	2
6	3	9	5	7	12	0	0	1	3	3	0	3	4	4
7	2	3	2	5	7	7	3	2	2	0	2	0	3	3
8	0	0	0	2	3	2	0	1	2	3	0	0	1	1
9	2	0	0	0	2	0	0	0	3	0	0	2	1	1
10	2	0	3	0	3	2	0	0	7	0	7	0	2	2
11	3	5	0	5	5	5	0	0	2	2	2	3	3	3
12	2	5	0	0	0	0	0	2	0	0	2	0	1	1
13	0	3	0	0	2	7	0	0	0	0	0	0	1	1
14	3	0	3	0	7	3	2	0	0	0	0	0	2	2
15	0	0	7	2	2	3	0	3	2	0	2	2	2	2
16	3	0	0	5	2	0	5	0	0	0	0	4	2	2
17	0	2	0	0	0	3	1	3	0	1	0	2	1	1
18	0	0	3	2	0	1	3	0	5	2	0	2	2	2
19	0	0	0	3	5	0	0	0	4	3	2	4	2	2
20	0	2	4	9	9	2	6	2	5	0	4	2	4	4
21	3	3	3	7	2	0	2	2	0	0	1	2	2	2
22	0	2	0	5	3	0	0	0	3	3	2	0	2	2
23	0	0	5	0	2	0	0	0	2	3	0	2	1	1
24	3	2	4	9	7	0	2	4	0	3	4	0	3	3
25	0	3	1	3	2	2	2	0	0	0	2	5	2	2
26	0	0	3	3	0	3	2	0	3	0	5	0	2	2
27	5	3	1	5	0	3	2	7	0	0	0	2	2	2
28	0	0	5	0	3	0	3	0	0	3	3	0	1	1
29	0	3	0	3	0	5	1	0	2	0	3	3	2	2
30	2	2	2	6	7	3	5	2	3	1	5	2	3	3
MEAN	1	2	2	3	3	2	2	1	2	1	2	1	1.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	3	0	0	2	2	0	2	0	2	2	2
2	6	2	2	13	8	***	0	1	***	2	7	5	5	5
3	1	0	7	3	7	3	4	3	2	3	2	6	3	3
4	3	5	6	3	3	5	3	0	2	2	6	5	4	4
5	3	2	3	0	2	0	2	3	6	0	2	0	2	2
6	0	0	0	3	0	6	0	3	0	0	0	2	1	1
7	0	2	0	3	2	0	7	0	0	1	0	2	1	1
8	0	0	0	1	2	2	2	3	2	1	1	2	1	1
9	7	2	2	2	9	5	0	0	6	6	0	2	3	3
10	2	5	1	3	0	0	5	0	2	2	2	1	2	2
11	3	6	3	3	3	4	1	0	1	3	5	2	3	3
12	2	2	4	5	5	5	3	6	2	2	0	3	3	3
13	3	0	7	9	9	0	2	***	***	-	-	-	*****	
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	3	2	3	4	4	3	2	2	2	2	2	3	2.6	

PERCENTAGE OF DATA VALID - 40.1

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 58.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2.5	6	13
FEB	28	2.1	5	19
MAR	25	2.7	7	17
APR	30	1.7	3	15
MAY	30	2.6	8	17
JUN	30	1.8	3	12
JUL	31	2.0	4	11
AUG	31	2.4	5	31
SEP	30	1.9	4	12
OCT	12	2.6	5	13
YEAR	269	2.2	8	31

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	215	57	4	0	0	0	0	276
FEB	273	59	2	1	0	0	0	335
MAR	238	55	8	1	0	0	0	302
APR	318	39	1	0	0	0	0	358
MAY	291	57	9	2	0	0	0	359
JUN	326	31	2	0	0	0	0	359
JUL	325	44	1	0	0	0	0	370
AUG	289	67	3	0	1	1	0	371
SEP	312	46	1	0	0	0	0	359
OCT	116	32	1	0	0	0	0	149
YEAR	2713	487	32	4	1	1	0	3238

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.8	0	0.0	0.0	1.4	2.4	4.8	6.4	8.5	10.6	31	2.2

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	3	3	0	0	0	0	2	2	1	
2	0	3	3	3	2	2	3	5	4	7	5	3	3	
3	5	5	5	11	9	6	0	3	3	4	0	7	5	
4	5	2	2	2	5	9	6	6	7	9	13	13	7	
5	10	3	4	4	6	1	3	5	0	3	1	2	4	
6	3	2	2	2	2	9	4	0	2	5	3	0	3	
7	1	3	2	2	3	4	6	3	7	5	2	2	3	
8	2	3	3	3	7	4	1	2	1	1	3	3	3	
9	0	0	1	2	1	2	2	1	3	0	0	4	1	
10	0	2	2	5	2	7	2	3	3	3	0	4	3	
11	2	0	8	7	14	10	5	3	8	7	10	10	7	
12	7	6	5	7	7	13	14	5	5	6	1	5	7	
13	1	1	0	2	8	0	3	2	***	4	0	0	7	
14	5	0	0	0	2	0	2	2	2	0	0	0	1	
15	1	1	0	0	1	2	2	2	0	4	3	0	1	
16	2	6	15	3	5	3	7	7	11	1	9	12	7	
17	6	2	5	3	0	2	8	2	2	0	2	6	3	
18	0	6	0	7	2	0	0	3	0	3	3	3	2	
19	7	2	2	0	3	4	2	0	2	1	2	2	2	
20	0	3	0	8	6	5	3	0	3	3	0	1	3	
21	1	1	0	0	3	2	3	3	4	0	2	7	2	
22	0	7	7	5	7	0	3	2	5	5	2	12	5	
23	7	0	4	5	14	3	12	14	7	7	5	9	7	
24	8	3	5	3	5	3	5	7	2	5	4	12	5	
25	12	0	3	0	***	0	2	2	7	7	2	0	3	
26	0	0	0	0	4	0	0	7	2	0	2	0	1	
27	0	2	0	0	5	2	2	7	0	2	5	2	2	
28	5	3	0	0	4	7	9	0	3	3	2	3	3	
29	3	3	0	0	0	0	2	3	2	2	7	0	2	
30	0	2	0	0	9	5	2	3	7	0	7	6	3	
31	7	9	7	5	13	9	0	1	2	3	7	15	7	
MEAN	3	3	3	3	5	4	4	3	4	3	3	5	3.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	9	7	4	12	12	12	5	9	7	9	7	14	9	
2	7	0	13	13	13	15	3	3	4	6	3	6	7	
3	0	5	0	4	7	7	4	0	3	5	5	3	4	
4	2	5	2	1	0	3	4	5	0	4	7	3	7	
5	0	2	0	7	0	5	4	0	5	0	2	0	2	
6	2	5	3	12	2	5	0	0	2	3	4	4	4	
7	4	5	5	7	3	0	5	2	0	3	4	0	3	
8	0	2	5	0	0	0	3	5	5	2	5	3	3	
9	4	2	2	5	0	0	0	3	5	2	5	3	3	
10	0	5	4	9	7	4	0	7	2	7	9	6	5	
11	4	6	9	5	7	5	5	0	0	0	7	0	4	
12	3	2	0	2	0	0	2	9	5	2	0	2	2	
13	2	2	2	0	7	5	***	-	-	-	-	-	*****	
14	-	-	-	-	-	4	2	3	0	4	0	5	*****	
15	0	5	4	5	5	2	5	3	2	9	4	10	5	
16	2	2	4	4	4	3	7	2	2	10	12	3	5	
17	2	8	9	2	14	16	2	5	2	3	4	9	6	
18	6	5	8	6	4	2	0	3	3	0	2	3	4	
19	4	2	0	7	3	3	2	0	6	2	0	6	3	
20	2	6	12	8	11	10	8	0	3	2	0	2	5	
21	5	10	2	3	5	5	7	0	1	3	6	0	4	
22	0	2	2	3	3	7	1	8	2	6	2	8	4	
23	14	7	9	6	***	10	5	4	3	11	5	6	7	
24	4	0	11	10	10	7	6	4	3	3	0	2	5	
25	3	4	3	6	2	1	4	2	2	2	2	4	3	
26	4	0	2	2	0	2	1	2	0	1	2	3	2	
27	0	4	0	5	2	4	7	5	5	2	3	4	3	
28	5	5	8	1	3	7	8	6	8	2	4	4	5	
MEAN	3	4	5	5	5	5	3	3	3	4	4	4	4.1	

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - MAR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	1	1	0	4	2	1	1	1	8	2
2	5	6	3	7	12	2	1	4	2	0	6	1	4
3	2	1	0	0	4	3	2	1	5	2	4	2	2
4	2	3	0	2	6	2	2	1	5	2	4	0	2
5	2	2	4	0	7	5	0	4	4	1	10	4	4
6	4	5	8	2	4	2	2	8	2	0	4	3	4
7	4	2	8	7	7	2	2	2	0	1	1	2	4
8	2	2	0	3	3	2	4	1	4	3	2	1	2
9	3	2	3	10	8	7	13	4	6	10	5	9	7
10	9	2	5	6	5	1	4	****	0	0	9	5	4
11	3	9	5	5	5	0	3	5	3	3	5	3	4
12	6	8	5	7	0	2	3	0	0	2	3	3	3
13	2	0	2	2	2	0	2	0	3	5	5	2	2
14	1	2	0	0	7	3	6	4	0	2	3	0	2
15	2	2	3	0	7	2	0	2	2	0	0	0	2
16	0	2	0	3	3	7	2	3	2	0	0	0	2
17	0	3	0	0	3	0	1	0	3	0	2	2	1
18	0	2	3	2	5	7	0	2	0	2	2	2	2
19	0	3	0	0	0	0	0	0	0	0	3	2	1
20	2	0	0	2	0	0	3	0	2	0	0	0	1
21	2	1	3	2	2	2	0	0	0	1	0	2	1
22	0	3	7	0	3	9	9	5	7	5	5	2	5
23	4	2	2	3	6	5	0	0	2	3	2	0	2
24	0	0	0	3	1	0	0	0	0	1	0	0	0
25	2	2	2	2	3	0	3	0	0	2	0	0	1
26	0	0	0	0	0	3	0	0	0	2	0	2	1
27	2	0	0	0	0	0	0	3	2	0	3	5	1
28	5	2	0	2	7	2	5	0	0	2	2	2	2
29	5	0	3	3	0	0	2	0	2	0	0	0	1
30	0	3	3	3	5	3	5	1	2	2	3	3	3
31	0	2	0	2	****	0	2	0	0	3	7	2	2
MEAN	2	2	2	3	4	2	3	2	2	2	3	2	2.4

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH - APR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	7	3	2	2	0	2	0	0	0	0	2
2	0	2	0	0	0	0	3	0	0	2	2	0	1
3	0	0	2	0	0	0	2	0	1	2	0	0	1
4	0	2	9	0	2	0	3	7	3	1	3	0	3
5	0	5	5	2	0	3	3	5	2	0	0	0	2
6	2	0	0	1	2	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	3	0	1	3	0	0	0	0	0	0	1
9	0	2	0	0	0	0	0	1	0	2	2	0	1
10	0	0	4	0	2	0	0	1	0	3	2	2	1
11	0	2	0	2	0	3	2	2	0	0	2	2	1
12	0	2	3	0	2	3	2	5	0	3	11	4	3
13	0	0	1	2	0	0	4	0	3	0	2	3	1
14	7	1	2	2	0	0	0	0	3	0	2	0	1
15	1	2	1	2	0	0	2	2	0	0	0	0	1
16	0	0	0	3	0	2	1	5	0	0	0	3	1
17	2	0	0	2	0	0	0	2	0	0	0	0	1
18	2	0	2	3	1	0	2	0	0	1	5	3	2
19	0	3	0	2	3	0	2	2	0	2	2	2	2
20	6	1	5	2	2	3	3	1	0	3	0	0	2
21	0	2	0	3	3	5	2	0	2	0	0	3	2
22	4	3	3	3	0	0	2	2	0	2	3	0	2
23	5	2	3	2	0	3	2	2	2	3	1	0	2
24	0	0	4	2	4	8	0	3	0	5	0	0	2
25	0	0	3	5	0	2	0	0	1	0	2	0	1
26	1	5	0	4	0	0	1	1	0	0	2	0	1
27	0	0	3	4	0	3	0	0	0	2	0	0	1
28	4	2	3	6	0	0	2	0	2	0	7	8	3
29	4	4	3	9	2	2	2	0	2	0	3	0	3
30	0	0	0	3	0	0	0	2	0	2	2	0	1
MEAN	1	1	2	2	1	1	1	2	1	1	2	1	1.5

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	3	0	2	15	0	0	0	0	2	
2	4	2	3	2	2	0	2	0	0	3	2	3	2	
3	2	2	9	17	6	13	3	0	3	0	0	2	5	
4	0	2	0	2	2	0	0	2	2	0	0	0	1	
5	2	2	0	0	5	5	3	1	4	0	3	0	2	
6	0	0	3	2	6	2	0	2	0	2	3	0	1	
7	2	2	2	3	1	3	0	0	0	0	0	0	3	
8	2	3	5	3	2	3	2	0	2	1	5	0	5	
9	3	9	8	7	7	6	11	5	0	3	6	0	1	
10	2	0	0	5	0	2	2	0	3	0	2	0		
11	3	3	3	3	2	5	6	8	2	4	2	3	4	
12	4	2	0	****	5	0	2	2	2	0	2	3	2	
13	1	2	4	2	3	3	0	2	4	3	2	4	3	
14	2	0	2	4	2	1	0	2	0	9	2	0	2	
15	0	1	0	7	2	0	0	-	-	-	-	-	*****	
16	-	-	-	-	-	-	-	-	-	-	-	-	*****	
17	-	-	-	-	-	-	11	2	3	0	4	7	5	
18	0	2	9	3	4	9	3	5	5	7	0	9	6	
19	8	3	4	9	8	0	****	4	5	3	5	14		
20	19	9	4	8	6	1	5	5	3	3	3	2	6	
21	1	1	0	2	1	3	0	6	2	0	2	7	2	
22	2	1	2	2	0	0	0	0	0	0	3	4	1	
23	2	2	2	7	4	6	9	2	2	3	2	9	4	
24	5	2	4	5	5	3	2	0	2	1	1	3	3	
25	1	3	9	19	23	5	8	2	4	4	4	9	8	
26	3	10	12	20	9	5	9	6	3	7	5	6	5	
27	8	3	9	5	13	7	3	3	2	3	5	4	5	
28	4	2	4	4	7	1	1	3	5	3	0	2	3	
29	3	5	6	5	4	2	2	3	2	4	0	0	5	
30	0	6	9	5	5	2	7	9	9	2	5			
31	6	18	15	3	3	5	0	4	0	3	2	0	5	
MEAN	3	3	4	6	5	3	3	3	2	2	2	4	3.5	

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 6.2

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	0	1	0	8	3	3	3	6	11	3	
2	11	9	6	2	3	3	6	6	1	2	9	0	5	
3	3	0	1	0	4	2	1	3	2	2	1	5	2	
4	6	6	7	5	6	6	3	4	0	2	3	4	4	
5	3	0	0	3	3	0	0	2	2	0	0	0	1	
6	2	1	3	5	3	6	5	2	4	3	0	3	3	
7	2	5	7	5	7	0	5	3	0	1	3	1	3	
8	2	4	4	5	2	0	2	2	2	2	0	0	2	
9	5	1	9	18	9	9	2	0	5	4	1	2	5	
10	0	2	6	4	3	5	4	2	5	3	3	1	3	
11	5	2	5	2	0	3	0	0	0	11	4	3	3	
12	1	3	4	5	4	9	6	3	4	3	0	2	4	
13	1	0	3	0	3	2	5	2	2	0	0	3	2	
14	0	3	5	0	0	5	3	2	2	0	4	5	2	
15	2	2	7	3	7	3	0	0	3	3	2	2	3	
16	0	3	2	1	13	3	0	3	7	2	5	1	4	
17	3	3	5	2	2	7	3	6	0	3	0	3	3	
18	0	6	2	5	3	6	3	2	2	0	0	1	3	
19	0	0	2	3	8	4	0	2	0	0	1	9	2	
20	12	4	7	2	5	5	6	3	0	3	2	0	4	
21	3	7	0	5	0	7	****	****	2	0	3	2	3	
22	0	7	3	3	5	3	3	3	5	2	4	3	3	
23	0	0	3	2	0	2	0	0	3	2	0	0	1	
24	2	2	2	7	0	0	3	0	3	0	2	2	2	
25	0	0	0	7	0	0	0	0	2	7	2	3	2	
26	0	0	2	7	5	0	9	9	13	9	2	12	6	
27	7	7	5	3	12	12	7	7	7	5	5	1	7	
28	2	2	5	5	5	3	5	2	7	0	2	7	4	
29	5	0	3	3	3	9	3	7	2	3	4	6	2	
30	2	5	2	****	5	0	0	2	0	0	3	2	4	
MEAN	3	3	4	4	4	4	3	3	3	3	3	3	3.2	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR														MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	3	0	2	3	2	0	0	3	0	0	1		
2	2	0	5	0	3	3	0	0	1	0	3	2	2		
3	2	0	0	2	2	3	0	3	2	2	2	0	2		
4	2	0	2	0	2	2	0	5	2	3	0	0	2		
5	3	2	2	2	2	2	0	5	2	3	0	3	2		
6	2	2	0	3	2	2	2	7	2	0	5	2	2		
7	4	2	5	3	7	2	7	4	5	2	2	2	4		
8	7	3	7	7	0	0	3	0	5	1	0	0	3		
9	1	2	5	3	3	2	2	0	2	2	2	2	2		
10	2	2	0	0	2	0	3	2	0	2	0	3	1		
11	0	2	5	3	2	3	0	2	1	2	2	0	2		
12	2	2	4	5	2	---	0	2	0	0	0	0	2		
13	3	2	4	3	5	2	5	2	7	2	3	0	3		
14	0	3	3	2	0	2	0	0	2	3	2	3	2		
15	3	5	5	3	5	2	3	3	0	2	3	2	3		
16	0	0	2	2	0	0	0	0	1	0	0	0	0		
17	2	0	2	2	0	0	0	3	0	0	0	0	1		
18	0	3	3	5	0	2	3	2	0	0	0	5	2		
19	2	5	3	5	2	7	2	3	3	2	3	0	3		
20	2	9	3	9	9	9	7	4	3	2	2	2	5		
21	3	2	0	5	9	2	2	3	2	3	5	3	3		
22	4	3	3	9	4	4	0	4	0	5	0	0	3		
23	2	0	3	2	2	2	0	0	3	0	1	0	1		
24	0	0	2	0	0	2	0	2	0	2	2	0	1		
25	3	2	2	3	7	2	3	2	0	0	0	2	2		
26	7	0	5	3	5	2	1	3	5	5	3	3	4		
27	3	5	5	4	3	3	7	0	0	0	0	0	3		
28	1	0	0	2	2	0	2	2	0	2	0	0	1		
29	2	2	0	0	4	2	2	0	2	0	1	0	1		
30	2	0	0	0	0	2	0	0	0	1	0	0	0		
31	2	0	0	0	0	5	3	0	0	2	2	2	1		
MEAN	2	2	3	3	3	2	2	2	2	2	1	1	2.0		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR														MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	5	5	7	12	13	3	0	0	0	1	5	5		
2	0	5	0	7	0	5	3	5	4	0	7	3	3		
3	3	0	3	4	0	0	0	2	0	2	0	0	1		
4	0	2	2	5	0	0	2	0	3	0	0	3	1		
5	2	7	5	2	3	2	2	0	0	3	0	0	2		
6	9	5	1	7	5	2	0	3	0	0	7	0	3		
7	2	3	2	7	2	0	2	5	2	2	3	2	3		
8	7	3	3	12	17	13	7	5	7	3	2	5	7		
9	7	7	7	12	9	9	9	7	3	0	0	0	6		
10	2	2	1	2	1	2	0	2	2	3	3	4	2		
11	0	0	2	3	3	2	0	3	2	0	3	2	2		
12	2	2	2	2	0	3	2	5	5	2	3	7	3		
13	3	2	4	0	2	2	2	0	2	3	0	2	3		
14	1	3	7	7	5	2	5	3	2	0	3	0	3		
15	3	0	2	3	3	3	---	0	2	5	3	1	2		
16	0	3	3	2	0	4	7	3	3	2	3	9	3		
17	0	3	3	9	5	3	2	2	2	0	3	7	3		
18	9	3	2	0	3	2	4	5	3	2	0	5	3		
19	2	2	0	2	0	7	2	0	2	0	2	0	2		
20	0	0	3	0	2	0	0	2	0	0	2	0	1		
21	0	4	0	2	0	4	2	0	2	0	3	2	2		
22	0	3	2	5	5	2	---	0	0	0	3	7	3		
23	5	7	9	9	2	4	7	5	3	3	3	3	5		
24	9	7	5	7	13	12	4	3	2	0	2	2	6		
25	0	3	0	3	2	2	0	3	0	0	0	3	1		
26	0	0	3	0	0	0	3	0	3	0	2	2	1		
27	5	3	0	0	3	2	0	3	2	2	3	0	2		
28	1	5	2	3	3	7	0	3	3	0	2	2	3		
29	2	3	7	9	4	0	0	3	3	0	5	2	3		
30	2	0	3	3	7	5	3	5	3	2	0	3	3		
31	7	3	1	2	2	3	0	0	2	5	0	2	2		
MEAN	3	3	3	4	4	4	3	3	2	1	2	3	2.9		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	7	3	7	7	0	0	5	0	3	3
2	3	3	2	4	0	0	2	0	0	2	2	0	2
3	5	2	5	2	0	0	2	0	2	2	3	0	2
4	0	0	0	0	3	2	2	2	0	2	0	5	1
5	5	5	2	7	7	5	4	2	2	4	2	9	5
6	3	3	7	7	12	3	3	0	5	7	2	3	4
7	3	3	3	2	3	3	3	2	2	3	0	0	2
8	0	2	0	9	3	9	2	3	0	0	2	2	3
9	2	0	3	2	0	0	3	0	2	0	0	0	1
10	0	0	0	3	3	7	3	0	2	0	2	0	2
11	3	5	3	7	3	2	7	2	3	2	4	5	4
12	5	0	2	3	0	0	0	***	1	0	2	2	1
13	1	0	1	2	2	2	0	3	2	2	0	0	1
14	2	3	3	3	1	3	2	2	2	4	4	0	2
15	7	3	5	16	3	5	4	2	1	1	4	4	5
16	3	2	4	2	0	1	4	1	1	0	0	1	2
17	0	0	2	2	2	2	0	2	2	0	0	2	1
18	1	0	0	3	2	3	4	5	5	6	4	2	3
19	0	2	1	1	1	3	2	2	4	2	3	3	2
20	2	0	0	5	4	9	2	2	3	6	3	2	3
21	9	6	5	12	7	6	0	3	1	2	0	0	4
22	2	2	3	4	0	1	1	2	0	0	4	0	2
23	4	4	2	3	0	2	2	0	0	4	3	3	2
24	3	3	11	6	7	2	3	0	2	3	2	2	4
25	4	0	1	0	4	2	2	2	0	3	0	2	2
26	1	0	3	9	2	2	4	0	2	3	3	3	3
27	3	3	5	7	7	11	6	3	2	2	0	2	4
28	0	2	1	2	1	4	***	1	2	0	3	5	2
29	0	1	5	4	3	5	2	0	3	0	2	3	2
30	4	1	5	3	5	5	5	2	4	5	2	2	4
MEAN	3	2	3	5	3	4	3	1	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - OCT 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	2	2	0	2	3	2	0	2	2
2	4	2	3	10	4	5	1	3	1	0	2	2	3
3	1	5	6	2	5	2	3	7	3	5	3	5	4
4	8	7	7	4	3	6	3	3	2	2	7	5	5
5	1	2	3	3	0	2	2	2	0	2	3	2	2
6	2	4	4	7	7	0	3	1	2	2	2	1	3
7	1	0	1	0	2	2	0	2	1	2	1	2	1
8	1	2	0	2	2	0	1	2	0	4	11	12	3
9	12	11	15	17	7	1	6	1	5	1	5	5	7
10	6	7	2	5	3	4	3	3	2	4	3	2	4
11	2	2	3	5	3	4	2	0	2	2	2	2	2
12	3	2	7	0	9	8	5	4	3	3	4	7	5
13	5	4	7	8	6	3	1	2	0	2	0	3	3
14	0	2	0	0	4	0	0	1	2	3	3	2	1
15	3	1	0	0	2	0	3	2	4	2	2	0	2
16	0	2	4	2	2	2	1	1	5	0	2	4	2
17	6	11	7	1	3	2	0	2	3	5	1	3	4
18	2	4	4	10	4	3	5	4	7	12	4	2	5
19	6	8	13	4	4	-	-	-	-	-	-	-	*****
20	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	3	4	5	4	4	3	2	2	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 59.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 40.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	7	15
FEB	26	4.1	9	16
MAR	31	2.4	7	13
APR	28	1.5	3	11
MAY	28	3.5	8	23
JUN	30	3.2	7	18
JUL	31	2.0	5	9
AUG	31	2.9	7	17
SEP	30	2.6	5	16
OCT	18	3.3	7	17
YEAR	284	2.9	9	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	253	100	17	0	0	0	0	370
FEB	197	110	16	1	0	0	0	324
MAR	304	64	2	0	0	0	0	370
APR	323	23	1	0	0	0	0	347
MAY	252	80	8	5	1	0	0	346
JUN	255	92	9	1	0	0	0	357
JUL	324	47	0	0	0	0	0	371
AUG	287	75	7	1	0	0	0	370
SEP	299	54	4	1	0	0	0	358
OCT	169	43	8	1	0	0	0	221
YEAR	2663	688	72	10	1	0	0	3434

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

94.1

0

0.0

0.7

1.8

2.9

6.3

8.1

10.9

12.4

23

2.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	0	1	1	2	3	7	2	2	2	2	2
2	4	2	3	3	0	3	2	0	3	3	7	5	3	3
3	4	5	9	5	3	7	4	3	2	5	3	4	5	5
4	5	3	5	3	3	5	3	8	8	3	11	12	6	6
5	7	7	10	10	10	5	7	5	8	5	6	3	7	7
6	8	3	4	3	3	3	4	7	6	3	3	5	4	4
7	1	2	3	3	3	3	7	6	3	8	8	3	5	5
8	5	5	6	9	4	4	4	2	3	2	2	5	4	4
9	1	0	1	2	3	3	3	0	4	2	0	2	2	2
10	2	0	2	0	3	0	3	3	3	4	3	2	2	2
11	3	3	4	5	6	5	7	4	8	2	11	10	6	6
12	6	7	11	7	10	9	8	9	6	6	4	3	7	7
13	2	4	3	3	3	5	5	5	2	2	3	2	3	3
14	1	2	0	0	0	2	2	2	0	2	2	1	1	1
15	0	2	2	2	2	2	2	2	0	3	6	2	2	2
16	5	3	9	7	3	5	4	9	9	6	14	8	7	7
17	3	3	4	3	4	2	2	2	1	3	2	3	3	3
18	3	2	2	1	2	2	0	0	3	1	2	2	2	2
19	2	2	2	2	3	3	2	2	2	0	2	0	2	2
20	1	0	2	0	2	2	0	2	2	0	0	0	1	1
21	2	3	2	2	2	1	0	4	2	0	3	7	2	2
22	4	7	6	5	4	0	4	2	2	3	6	5	4	4
23	3	4	3	9	7	5	6	3	3	7	8	7	5	5
24	5	5	10	5	8	8	***	7	5	12	8	7	7	7
25	3	1	0	3	4	2	4	6	6	2	2	2	3	3
26	0	0	1	1	2	2	1	5	3	7	1	2	2	2
27	1	0	2	2	2	2	0	2	2	2	4	2	2	2
28	6	2	2	2	4	2	3	1	4	0	2	2	3	3
29	2	0	2	0	2	2	2	1	2	7	0	5	2	2
30	2	0	2	2	3	2	4	3	5	3	6	5	3	3
31	13	6	7	6	11	2	3	4	3	6	2	3	6	6
MEAN	3	3	4	3	4	3	3	4	4	4	4	4	3.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	7	5	5	7	8	6	4	2	2	0	6	5	5
2	2	3	9	13	11	9	2	3	1	3	3	2	5	5
3	2	1	2	5	6	2	1	1	2	0	0	3	2	2
4	4	0	3	2	2	2	0	0	5	2	5	0	2	2
5	0	0	2	2	2	2	2	2	0	2	1	1	1	1
6	0	2	0	2	0	2	0	2	0	2	3	0	1	1
7	0	3	0	2	3	2	0	2	2	2	2	0	2	2
8	4	4	2	3	5	2	3	0	2	3	2	3	2	3
9	0	1	3	2	3	0	0	0	2	3	2	3	2	2
10	4	1	5	3	7	5	2	0	2	2	4	3	3	3
11	2	11	9	5	7	3	0	0	0	2	0	1	3	3
12	2	3	0	0	1	0	0	2	0	2	2	2	1	1
13	3	0	2	3	3	2	0	0	0	0	1	2	1	1
14	0	0	2	3	3	0	2	0	1	1	2	6	2	2
15	2	2	1	2	7	2	0	0	3	0	2	0	2	2
16	0	0	2	5	3	1	0	2	0	2	3	9	2	2
17	1	7	2	4	2	0	2	2	1	3	0	2	2	2
18	5	4	3	0	8	7	6	3	0	2	3	0	3	3
19	3	2	5	0	3	2	0	0	0	2	5	5	2	2
20	3	2	3	9	9	3	7	5	7	2	5	8	5	5
21	9	7	21	19	11	7	3	3	0	2	0	2	7	7
22	7	2	0	13	7	6	2	2	2	3	11	17	6	6
23	11	15	9	9	13	13	11	7	9	17	17	7	12	12
24	6	5	13	11	9	6	2	7	3	3	2	5	6	6
25	5	2	5	3	3	3	2	2	2	3	8	1	3	3
26	3	2	0	0	3	1	2	3	2	0	3	5	2	2
27	0	3	2	13	2	3	3	0	4	5	3	2	3	3
28	3	11	1	13	7	2	2	4	3	2	7	3	5	5
MEAN	3	4	4	5	5	3	2	2	2	3	3	3	3.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014	UNIV MET STN COLLEGE/CALIF ST	WINDSOR	MONTH - MAR 78										
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	0	0	2	3	2	2	0	4	0	9	2
2	12	15	3	23	28	5	0	2	6	5	2	2	9
3	0	1	2	5	3	5	2	3	5	7	5	0	3
4	0	1	2	0	5	0	1	1	2	2	2	0	1
5	0	0	3	7	3	3	0	3	7	3	3	9	3
6	5	9	15	9	11	11	3	9	7	9	3	9	8
7	8	13	17	21	15	2	5	0	7	5	2	5	8
8	0	0	2	5	0	3	6	***	2	4	8	2	3
9	3	8	13	19	9	9	15	2	11	16	11	10	11
10	13	15	14	12	19	5	2	3	11	13	11	8	11
11	11	9	9	17	7	5	13	16	7	9	7	9	10
12	9	9	7	9	2	2	2	2	7	6	7	9	6
13	8	6	3	2	11	9	1	5	10	4	5	5	6
14	7	2	3	3	5	9	5	5	0	5	3	3	4
15	9	5	2	7	9	5	1	5	5	4	9	0	5
16	6	5	8	3	13	6	3	4	3	2	9	0	5
17	3	3	3	9	6	2	3	2	7	5	5	0	4
18	5	5	3	15	11	2	0	5	2	2	0	6	5
19	1	8	2	5	0	3	1	2	0	6	2	2	3
20	6	5	3	0	6	3	9	1	9	3	7	3	5
21	5	5	2	11	5	6	11	2	2	3	2	3	5
22	6	6	3	6	4	9	1	9	***	-	-	-	6
23							-	-	-	-	-	-	
24							-	-	-	-	-	-	
25							-	-	-	-	-	-	
26							-	-	-	-	-	-	
27							-	-	-	-	-	-	
28							-	-	-	-	-	-	
29							-	-	-	-	-	-	
30							-	-	-	-	-	-	
31							-	-	-	-	-	-	
MEAN	6	6	5	9	8	5	4	4	5	6	5	4	5.5

PERCENTAGE OF DATA VALID - 69.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 29.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014	UNIV MET STN COLLEGE/CALIF ST	WINDSOR	MONTH - APR 78										
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	8	5	0	2	0	3	2	5	4	2	9	2	*****
14	9	12	3	4	5	0	3	3	1	3	2	9	3
15	5	7	5	5	0	0	3	7	2	2	5	0	4
16	3	9	7	5	7	7	2	5	2	2	2	5	3
17	5	2	1	5	2	4	7	3	0	3	2	4	5
18	2	0	2	9	0	7	2	0	0	3	0	5	3
19	3	2	5	2	13	5	2	0	2	4	3	2	4
20	2	3	3	3	3	0	2	***	7	2	4	2	3
21	0	4	2	4	2	5	4	5	1	0	0	0	2
22	5	12	19	5	2	5	7	3	0	9	2	5	6
23	9	7	3	13	3	3	4	9	3	1	5	3	5
24	2	7	7	4	12	13	7	5	2	7	13	5	7
25	5	0	5	5	3	12	3	2	2	2	3	0	4
26	0	2	5	2	3	4	4	1	0	5	0	2	2
27	3	0	1	0	3	3	3	0	7	2	4	2	2
28	7	11	12	9	5	0	2	0	0	4	3	5	5
29	7	7	12	4	7	4	2	7	2	2	0	7	5
30	5	0	2	5	0	2	0	0	0	0	2	3	2
MEAN	4	5	5	5	4	4	3	3	2	3	3	3	3.8

PERCENTAGE OF DATA VALID - 61.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 38.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	0	7	3	2	3	5	7	3	5	12	4	4
2	4	5	0	2	3	2	0	6	5	0	3	3	3	3
3	7	9	19	22	17	17	5	3	2	0	3	0	9	9
4	2	5	0	0	0	4	0	5	2	0	7	2	2	2
5	2	5	0	0	4	0	3	5	5	5	7	9	4	4
6	5	0	0	2	0	0	0	4	3	2	0	0	1	1
7	5	3	4	3	2	3	5	3	1	0	7	7	4	4
8	5	2	1	2	9	7	5	2	7	0	0	5	4	4
9	2	9	12	3	13	****	4	5	1	2	4	5	5	5
10	3	2	6	3	0	4	7	0	2	3	8	5	4	4
11	2	5	7	4	2	7	3	4	4	0	3	3	4	4
12	7	4	4	3	6	2	1	0	5	0	5	3	3	3
13	5	6	2	7	2	1	2	3	0	0	2	5	3	3
14	0	3	4	6	0	0	2	1	1	2	0	0	2	2
15	5	2	4	5	2	8	2	2	2	0	5	0	3	3
16	0	2	0	4	0	1	0	5	0	2	2	0	1	1
17	6	2	7	7	3	2	2	***	2	5	0	10	4	4
18	5	1	12	6	5	10	7	10	7	6	2	11	7	7
19	2	11	9	5	2	5	0	4	2	6	14	6	6	6
20	16	10	6	4	10	0	5	6	0	1	2	0	5	5
21	0	0	4	3	6	4	2	0	2	4	2	1	2	2
22	8	2	8	5	3	0	6	3	0	2	4	2	4	4
23	8	7	7	0	9	10	6	11	3	6	10	3	7	7
24	10	12	5	13	3	4	7	6	0	0	2	3	5	5
25	11	14	16	12	32	27	5	8	2	7	5	11	13	13
26	9	11	17	22	25	7	3	2	6	3	9	9	10	10
27	6	11	10	12	7	8	2	3	6	6	5	4	7	7
28	4	6	7	4	3	0	0	2	4	2	2	1	3	3
29	4	7	6	6	2	1	2	0	7	4	1	5	4	4
30	0	4	6	7	3	0	2	2	3	6	0	2	3	3
31	7	8	7	9	4	1	4	1	0	4	2	4	4	4
MEAN	5	6	6	6	6	5	3	4	3	3	4	4	4.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	2	0	8	12	4	1	7	4	4	4
2	7	2	6	3	3	4	4	4	3	4	6	3	4	4
3	2	2	0	4	0	0	2	0	0	0	6	4	2	2
4	3	0	9	2	2	6	0	4	0	3	0	2	3	3
5	3	4	2	0	1	2	0	1	2	4	0	2	2	2
6	4	5	4	2	***	4	5	5	2	3	2	2	3	4
7	2	5	6	8	7	2	5	3	1	2	2	3	4	4
8	2	2	4	2	4	2	2	2	3	1	2	2	2	2
9	7	6	10	10	5	2	2	0	2	2	4	0	4	4
10	5	6	6	5	0	4	2	4	1	2	2	2	3	3
11	2	1	0	2	4	0	0	5	2	0	5	2	2	2
12	8	4	0	3	3	9	3	7	0	2	0	2	3	3
13	0	0	1	2	2	2	0	1	1	3	2	4	2	2
14	4	7	4	3	2	1	3	2	0	1	3	3	3	3
15	3	2	4	6	4	2	2	2	2	2	3	4	3	3
16	3	1	6	6	3	6	2	2	2	7	5	7	4	4
17	5	2	5	2	9	5	7	6	6	6	3	1	5	5
18	0	2	7	4	4	2	0	0	0	0	6	2	2	2
19	0	6	4	2	2	2	0	4	1	3	4	2	3	3
20	5	4	7	3	***	4	2	3	2	2	2	3	3	3
21	0	3	2	0	2	1	0	2	1	1	4	2	2	2
22	2	5	6	0	0	5	2	0	1	1	4	5	3	3
23	0	4	4	2	2	3	2	2	1	4	3	2	2	2
24	11	2	2	2	2	0	4	2	2	3	2	2	2	2
25	0	2	4	2	2	2	2	2	1	0	5	3	2	2
26	1	2	4	2	2	0	2	3	3	2	6	7	3	3
27	5	1	9	5	0	2	5	4	2	1	3	2	3	3
28	3	3	5	5	7	5	2	2	1	2	3	3	3	3
29	2	0	5	6	3	3	2	2	0	1	7	6	3	3
30	2	2	3	7	3	3	0	3	0	0	0	2	2	2
MEAN	3	3	4	4	3	3	2	3	2	2	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014				UNIV MET STN COLLEGE/CALIF ST WINDSOR				MONTH - JUL 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	0	3	3	3	2	3	0	1	2	2	
2	1	2	2	2	0	2	0	0	3	1	2	1	
3	3	0	0	2	2	0	2	2	3	0	0	3	
4	0	1	2	4	0	0	1	2	2	1	3	5	
5	4	5	3	3	***	2	3	2	0	2	2	2	
6	4	3	2	9	0	5	2	2	2	3	0	3	
7	3	2	5	3	6	4	2	5	3	2	3	3	
8	5	7	3	2	0	2	2	3	0	2	0	3	
9	0	2	3	2	5	0	0	2	0	2	0	2	
10	0	2	2	2	0	0	0	0	0	2	0	2	
11	0	2	3	0	***	0	0	2	0	2	2	3	
12	3	2	4	7	0	2	0	2	1	0	2	0	
13	3	0	7	3	2	3	2	2	5	7	2	5	
14	5	2	2	0	0	0	0	4	0	5	3	2	
15	3	3	4	7	12	3	0	2	2	7	3	0	
16	0	2	0	2	2	0	0	3	0	2	2	0	
17	0	2	2	4	5	2	0	2	2	2	7	3	
18	0	2	9	7	2	5	2	3	3	2	0	0	
19	3	5	5	9	7	2	3	0	3	0	5	7	
20	5	13	9	11	17	7	3	0	4	0	2	1	
21	9	2	0	7	2	4	5	7	7	2	3	7	
22	1	5	3	5	12	3	2	0	2	9	0	7	
23	1	3	3	5	0	0	0	0	0	0	2	0	
24	2	0	0	2	2	7	0	2	0	2	0	2	
25	2	0	3	3	3	3	3	2	3	1	4	5	
26	0	2	2	5	***	7	2	3	3	2	7	5	
27	5	5	7	3	3	2	2	2	0	3	5	1	
28	3	0	3	2	0	2	2	4	7	0	3	3	
29	0	0	3	3	3	4	2	2	2	0	2	0	
30	0	2	0	0	2	0	2	0	0	0	2	0	
31	2	0	2	2	2	0	2	0	2	5	3	5	
MEAN	2	3	3	4	3	2	1	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014				UNIV MET STN COLLEGE/CALIF ST				WINDSOR		MONTH - AUG 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	7	7	5	7	5	4	3	2	7	7	5	
2	5	7	7	5	0	5	7	3	4	3	9	3	5	
3	0	3	3	7	2	3	3	2	2	0	3	2	3	
4	0	2	3	4	3	0	0	0	0	3	0	12	2	
5	5	7	9	7	0	2	0	3	2	2	0	3	3	
6	6	7	3	5	3	3	2	2	0	3	4	5	4	
7	3	9	7	5	3	5	3	5	3	5	3	5	5	
8	9	9	7	12	12	5	3	0	3	2	2	5	6	
9	5	3	3	12	3	5	3	2	2	3	5	2	4	
10	0	3	0	3	0	3	0	0	3	2	2	2	2	
11	3	2	3	5	7	2	2	0	3	3	3	3	3	
12	3	7	5	5	2	0	0	3	0	0	4	6	3	
13	7	7	7	7	7	2	5	3	2	0	3	9	5	
14	3	9	14	14	7	0	2	0	0	5	3	2	5	
15	2	5	7	2	5	4	5	2	2	3	3	0	3	
16	3	2	3	4	2	3	0	2	9	2	5	9	4	
17	5	5	13	9	5	2	2	2	2	2	2	7	5	
18	12	15	5	***	0	5	9	2	0	2	2	7	5	
19	3	5	0	3	0	2	5	2	0	2	0	2	2	
20	0	0	0	3	0	2	2	3	0	4	0	3	1	
21	9	3	5	3	2	2	0	2	2	2	5	1	3	
22	4	7	7	9	7	3	0	7	4	5	2	5	5	
23	9	7	0	2	9	7	7	5	2	2	5	9	5	
24	15	19	12	7	15	15	7	2	2	5	9	5	9	
25	2	0	3	2	3	0	0	5	3	0	5	2	2	
26	2	3	2	5	3	3	2	2	0	0	5	3	3	
27	2	2	0	0	3	0	2	2	0	3	2	0	1	
28	0	0	3	5	3	2	2	5	0	0	0	0	2	
29	1	5	7	7	3	3	5	2	0	5	7	3	4	
30	3	7	7	13	13	3	2	3	2	5	13	7	7	
31	3	4	3	2	0	2	0	0	0	3	0	11	2	
MEAN	4	5	5	6	4	3	3	2	2	2	4	4	3.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	7	9	9	9	2	5	3	2	2	3	5	5	
2	7	9	9	12	2	3	3	0	3	0	7	3	5	
3	5	12	5	7	5	5	0	2	2	4	2	0	4	
4	3	0	2	2	0	2	3	4	3	0	5	7	3	
5	5	7	9	15	12	12	5	2	0	9	12	17	9	
6	13	7	17	12	12	7	5	4	7	9	15	9	10	
7	5	7	9	16	5	2	3	5	3	5	2	0	5	
8	2	8	3	12	7	12	2	2	5	7	9	2	6	
9	2	0	0	3	0	1	5	7	7	1	5	3	3	
10	5	2	2	4	12	12	3	7	0	3	5	4	5	
11	5	7	13	9	9	5	7	4	7	7	7	12	8	
12	13	4	3	3	9	0	0	2	5	0	0	2	3	
13	2	5	0	3	0	5	0	4	2	3	3	0	2	
14	5	7	5	5	3	5	12	3	7	5	5	5	6	
15	9	5	12	5	5	7	2	7	***	2	7	11	7	
16	3	4	5	1	4	0	3	2	1	0	0	0	2	
17	0	3	1	6	0	1	1	0	5	4	3	3	2	
18	1	2	0	5	2	7	4	8	3	7	6	2	4	
19	1	2	7	4	3	1	4	2	12	9	4	2	4	
20	2	0	1	7	15	2	7	3	5	9	2	9	5	
21	3	1	3	2	21	9	1	0	2	0	3	2	4	
22	0	0	0	3	4	1	1	0	1	0	2	0	1	
23	4	3	0	1	9	5	1	0	2	0	2	2	2	
24	3	3	7	5	14	12	5	2	6	2	3	7	6	
25	5	0	1	2	2	2	2	0	0	2	0	3	2	
26	1	0	3	3	15	11	6	1	4	0	2	9	5	
27	0	0	5	6	7	6	6	4	2	1	0	0	3	
28	2	1	3	2	7	3	0	7	6	4	15	13	5	
29	9	2	0	12	0	3	4	0	4	7	12	9	5	
30	7	4	8	2	4	5	4	0	7	6	3	5	5	
MEAN	4	4	5	6	7	5	3	3	4	4	5	5	4.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR							MONTH - OCT 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	1	0	2	0	0	3	4	2	2	5	2
2	2	5	9	30	8	4	2	***	3	1	2	3	6
3	3	3	2	5	5	5	5	8	4	6	3	8	5
4	11	7	10	1	6	5	5	2	1	6	6	4	5
5	3	7	4	7	1	2	3	3	4	3	5	5	4
6	0	2	3	3	2	3	2	3	2	1	2	1	2
7	3	4	2	5	3	0	1	0	2	2	0	1	2
8	1	1	2	0	2	0	0	2	1	3	5	7	2
9	6	10	11	11	8	5	2	2	1	5	1	5	6
10	4	3	2	6	4	7	7	3	5	3	3	6	4
11	11	13	3	17	9	6	2	1	5	3	6	2	7
12	4	3	8	7	3	8	2	3	2	6	4	8	5
13	3	5	9	14	6	5	2	1	0	0	-	-	5
14	- DATA UNAVAILABLE -												
15	- DATA UNAVAILABLE -												
16	- DATA UNAVAILABLE -												
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	- DATA UNAVAILABLE -												
20	- DATA UNAVAILABLE -												
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	- DATA UNAVAILABLE -												
26	- DATA UNAVAILABLE -												
27	- DATA UNAVAILABLE -												
28	- DATA UNAVAILABLE -												
29	- DATA UNAVAILABLE -												
30	- DATA UNAVAILABLE -												
31	- DATA UNAVAILABLE -												
MEAN	4	5	5	8	5	4	3	3	3	3	3	5	4.1

PERCENTAGE OF DATA VALID - 41.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 58.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	7	14
FEB	28	3.4	12	21
MAR	22	5.5	11	28
APR	18	3.8	7	19
MAY	31	4.5	13	32
JUN	30	2.9	5	12
JUL	31	2.5	6	17
AUG	31	3.8	9	19
SEP	30	4.5	10	21
OCT	13	4.1	7	30
YEAR	265	3.8	13	32

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	261	102	8	0	0	0	0	371
FEB	251	63	16	4	1	0	0	335
MAR	120	104	26	6	3	0	0	259
APR	142	66	11	1	0	0	0	220
MAY	218	124	17	6	4	1	0	370
JUN	285	72	1	0	0	0	0	358
JUL	306	58	4	1	0	0	0	369
AUG	242	111	17	1	0	0	0	371
SEP	207	118	30	3	1	0	0	359
OCT	96	49	6	1	1	0	0	153
YEAR	2128	867	136	23	10	1	0	3165

## FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT  
OF DATA  
VALID

MIN

10

30

## CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

 ARITH  
MEAN

86.8

0

0.0

1.4

2.3

4.3

7.9

10.3

12.8

15.5

32

3.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	0	2	5	5	0	2	5	7	3	3	3	
2	2	11	5	2	3	2	3	1	2	5	2	3	3	
3	2	6	2	4	0	5	5	3	5	1	7	1	3	
4	3	4	2	0	4	5	16	6	2	2	0	8	4	
5	0	2	3	6	3	7	3	0	5	5	4	5	4	
6	5	5	3	5	4	5	5	5	3	3	0	2	4	
7	0	3	3	0	5	4	10	6	5	7	3	5	4	
8	4	9	4	7	9	6	6	7	0	0	5	0	5	
9	9	9	1	3	2	4	7	5	2	7	3	2	5	
10	3	3	2	6	3	2	2	6	1	2	5	2	3	
11	8	2	3	3	3	5	5	5	4	2	3	3	4	
12	5	13	3	3	7	6	6	5	5	3	5	1	5	
13	5	4	3	5	3	5	4	2	1	3	2	3	3	
14	2	2	2	2	0	0	4	0	7	2	1	0	2	
15	1	3	5	3	0	5	11	3	5	6	3	5	4	
16	2	3	1	5	2	5	3	3	5	0	9	3	3	
17	7	2	4	9	0	3	0	0	3	2	2	0	3	
18	5	1	4	2	7	4	***	2	2	3	3	4	3	
19	5	2	6	0	5	6	3	4	2	0	2	0	3	
20	2	0	3	3	1	0	4	0	3	3	2	3	2	
21	3	3	3	9	4	5	2	5	4	1	3	2	4	
22	3	3	2	2	4	2	5	3	7	0	7	2	3	
23	6	1	2	6	5	7	4	3	4	2	4	4	4	
24	4	9	4	5	2	7	***	6	3	3	6	7	5	
25	6	3	2	7	0	3	4	9	2	5	0	3	4	
26	2	2	9	2	2	0	1	8	4	5	9	5	4	
27	5	3	4	7	6	9	3	0	0	4	0	5	4	
28	9	7	5	3	4	9	2	2	0	3	0	5	4	
29	0	2	3	5	5	0	1	1	7	0	5	2	3	
30	5	2	0	2	5	3	3	6	0	0	4	2	3	
31	5	3	4	2	7	2	5	5	****	****	****	****	4	
MEAN	4	4	3	4	4	4	4	4	3	3	3	3	3.6	

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	****	****	****	****	****	****	****	****	5	5	7	3	*****	
2	5	5	3	9	9	13	3	3	0	1	2	3	5	
3	5	5	2	7	7	9	3	5	2	2	3	0	4	
4	2	3	0	5	3	0	2	2	2	2	0	3	2	
5	2	3	2	1	0	5	0	3	3	3	0	2	2	
6	0	2	2	5	2	0	7	5	2	5	0	3	3	
7	2	2	2	5	3	5	2	0	2	2	5	3	3	
8	7	2	7	7	7	3	9	2	5	5	3	2	5	
9	3	2	3	5	9	5	5	5	3	0	2	2	4	
10	9	4	3	9	9	5	5	2	9	2	3	5	5	
11	5	2	9	3	11	9	5	3	3	0	13	7	6	
12	9	3	7	12	5	5	0	3	2	0	0	5	4	
13	0	3	5	0	7	0	3	0	5	0	0	2	2	
14	0	1	5	4	3	****	2	3	0	2	2	7	3	
15	2	0	7	2	4	4	3	3	3	0	2	0	3	
16	5	5	4	4	2	0	2	4	2	2	0	4	3	
17	4	7	2	7	5	6	2	2	2	2	7	3	4	
18	5	2	15	9	5	5	2	5	2	3	3	5	5	
19	7	0	3	0	5	0	0	0	3	2	3	0	2	
20	3	3	5	2	7	9	3	2	0	3	4	4	4	
21	5	6	5	12	5	9	5	2	0	3	0	2	5	
22	1	7	3	9	7	2	3	3	0	0	4	3	5	
23	0	7	2	3	2	8	5	5	4	8	5	8	5	
24	7	12	3	3	5	3	2	5	7	0	4	0	4	
25	12	3	6	2	9	8	3	3	7	2	7	2	5	
26	4	5	3	2	0	3	4	3	0	3	3	9	3	
27	9	5	2	3	7	5	0	0	5	3	0	3	4	
28	0	3	2	3	3	0	9	0	5	5	2	6	3	
MEAN	4	4	4	5	5	5	3	3	3	2	3	4	3.7	

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12015			SEWAGE PLT HWY 18/PROSPECT			WINDSOR		MONTH - MAR 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	3	3	0	4	0	2	0	3		
2	5	7	9	4	12	2	3	0	0	0	2	5		
3	2	0	3	2	5	9	2	0	0	3	0	7		
4	5	3	2	0	3	0	0	0	2	2	7	2		
5	3	7	7	4	0	3	1	2	4	0	2	0		
6	3	2	5	4	0	4	5	3	3	7	5	4		
7	9	3	12	7	15	***	3	0	3	3	2	2		
8	3	3	0	3	2	5	3	2	0	4	2	5		
9	0	0	15	9	2	12	4	3	5	3	8	13		
10	7	2	7	9	9	7	5	0	3	3	3	5		
11	7	7	5	9	3	9	5	5	7	5	3	3		
12	5	9	5	7	7	2	3	5	2	2	0	2		
13	3	0	3	0	4	6	4	0	2	2	3	0		
14	3	2	0	0	0	5	7	17	3	9	5	3		
15	3	5	9	3	3	12	3	4	2	2	7	0		
16	3	0	5	0	3	4	***	5	2	5	12	6		
17	4	2	4	16	2	4	2	3	4	2	0	3		
18	3	5	4	1	3	3	0	7	0	2	0	6		
19	2	4	9	10	4	3	10	5	6	2	10	5		
20	2	4	0	2	0	4	9	5	5	1	8	2		
21	12	15	4	8	10	5	6	7	15	7	12	10		
22	3	2	3	1	9	2	4	2	10	13	6	7		
23	2	1	4	3	7	4	1	0	1	4	10	1		
24	6	2	5	2	1	3	1	0	3	1	0	0		
25	0	2	0	3	0	0	4	0	1	0	0	1		
26	2	4	2	2	5	0	4	3	4	3	2	6		
27	2	2	0	2	5	3	6	3	1	0	4	0		
28	0	3	3	2	4	4	9	12	18	14	7	10		
29	2	9	7	3	3	6	2	4	2	1	6	2		
30	10	7	5	10	12	2	5	8	0	2	5	5		
31	2	2	0	3	0	0	4	4	6	8	2	5		
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12015			SEWAGE PLT HWY 18/PROSPECT			WINDSOR		MONTH - APR 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	5	5	2	15	3	4	9	4	0	1	1		
2	0	7	0	2	0	0	0	0	2	2	0	3		
3	0	2	2	1	0	0	2	9	5	0	2	3		
4	2	5	12	2	14	10	6	12	9	5	7	2		
5	1	4	2	21	3	6	0	2	0	3	0	2		
6	1	1	2	2	2	3	4	2	3	5	9	12		
7	3	6	5	7	7	4	7	3	3	0	4	2		
8	2	0	2	0	0	1	1	2	2	1	0	0		
9	2	2	1	3	2	1	2	0	0	1	1	2		
10	0	1	2	1	3	0	6	8	8	3	6	9		
11	5	1	6	5	8	7	2	3	3	5	4	5		
12	5	5	2	3	3	3	2	2	0	4	2	3		
13	7	9	7	4	4	0	2	5	0	5	8	1		
14	0	2	13	9	4	6	9	6	3	5	5	2		
15	1	5	3	3	1	2	3	1	2	5	0	0		
16	0	4	5	4	1	2	2	2	1	1	4	1		
17	3	4	3	0	9	9	3	5	4	0	1	0		
18	0	0	0	2	0	0	1	1	5	2	2	2		
19	3	3	5	1	3	3	1	2	4	7	4	0		
20	2	3	1	3	5	2	0	3	3	1	1	2		
21	0	0	3	0	7	2	2	0	2	0	0	3		
22	4	3	9	11	2	3	5	0	3	2	0	2		
23	5	3	7	3	5	0	1	2	0	0	5	2		
24	5	2	0	9	2	9	***	11	9	0	13	4		
25	11	2	2	0	8	0	2	0	0	2	0	0		
26	2	6	0	3	9	0	0	0	2	0	2	0		
27	2	0	0	7	8	2	2	5	2	5	0	0		
28	6	11	11	12	1	3	0	3	5	7	7	9		
29	2	13	5	9	10	7	6	5	0	2	0	0		
30	3	0	0	0	0	0	2	5	1	0	3	9		
MEAN	3	4	4	4	5	3	3	4	3	2	3	3	3.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	1	0	3	5	0	7	2	3	0	2	
2	13	7	6	3	3	0	5	3	2	2	3	5	4	
3	6	1	6	9	7	7	5	5	0	0	3	5	5	
4	1	2	2	3	0	5	0	0	1	2	3	3	2	
5	0	2	0	3	9	2	2	3	3	2	2	9	3	
6	2	3	0	5	6	3	0	7	0	1	0	3	3	
7	2	5	9	0	3	7	0	0	3	0	2	0	3	
8	0	5	2	4	0	7	2	1	0	3	2	7	3	
9	3	2	2	3	3	***	***	11	0	12	4	5	5	
10	17	9	5	8	2	3	2	1	0	0	5	3	5	
11	4	3	10	0	3	0	4	6	0	2	7	2	3	
12	0	6	4	4	0	7	20	5	0	0	5	2	4	
13	2	3	4	2	0	2	0	2	2	5	0	2	2	
14	6	2	2	0	2	0	4	2	5	0	2	2	2	
15	2	4	2	1	2	0	4	5	3	1	3	5	3	
16	2	0	3	3	3	5	0	3	0	0	2	8	2	
17	2	3	6	6	2	0	2	4	8	0	0	2	3	
18	5	5	5	5	6	***	2	7	7	0	2	6	5	
19	2	10	4	3	3	2	5	2	7	3	2	16	5	
20	13	6	2	8	5	3	3	5	1	6	7	0	5	
21	3	0	0	3	0	0	0	0	0	2	5	0	1	
22	0	6	5	2	2	0	0	3	0	2	0	0	2	
23	2	0	2	0	5	7	3	0	5	5	2	3	3	
24	6	2	8	12	7	3	3	0	2	6	2	4	5	
25	5	3	2	20	20	7	4	5	8	7	6	7	8	
26	2	2	2	13	19	6	5	4	4	0	2	8	6	
27	5	3	10	3	7	3	9	3	9	1	3	1	5	
28	9	2	6	4	2	3	3	0	0	3	7	0	4	
29	4	2	6	9	2	3	***	4	3	0	0	0	3	
30	2	9	6	0	3	7	4	0	1	2	2	13	4	
31	0	0	9	14	4	7	2	2	3	0	0	3	4	
MEAN	4	4	4	5	4	4	3	3	3	2	3	4	3.5	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	2	7	7	1	5	14	5	0	4	
2	5	15	13	4	2	11	***	5	7	3	7	0	7	
3	2	3	0	1	2	3	0	5	3	2	2	3	2	
4	5	11	7	7	0	3	9	2	5	0	3	5	5	
5	3	11	0	2	0	2	2	2	0	2	0	1	2	
6	0	11	2	3	0	3	2	2	6	0	0	0	2	
7	3	3	8	0	7	2	13	7	4	0	0	6	4	
8	5	4	11	2	5	0	0	3	4	3	2	2	3	
9	3	3	9	8	17	2	4	3	7	3	3	0	5	
10	0	4	3	5	2	2	8	1	1	2	1	0	2	
11	3	0	5	3	0	0	8	3	0	3	4	2	3	
12	2	5	2	3	9	5	17	19	3	0	1	0	6	
13	2	0	5	2	0	2	2	5	3	2	4	5	3	
14	0	2	9	1	0	2	0	3	5	3	0	2	2	
15	0	0	2	3	2	5	3	2	1	5	1	2	5	
16	8	6	6	2	2	9	2	6	5	0	4	7	5	
17	0	2	8	3	3	7	0	2	2	2	6	3	3	
18	1	0	5	0	5	4	0	2	2	1	2	2	2	
19	3	5	3	0	2	2	0	3	0	2	0	2	2	
20	3	2	3	3	3	***	0	0	0	3	0	5	2	
21	2	4	9	3	4	0	2	2	5	9	5	2	4	
22	9	6	2	11	6	3	4	6	0	6	13	9	6	
23	4	7	3	0	2	3	3	4	3	2	0	2	3	
24	2	2	0	2	0	3	0	4	2	0	2	0	1	
25	2	0	3	3	5	2	0	2	5	5	0	0	3	
26	5	0	3	31	33	7	5	3	0	5	13	3	9	
27	3	0	5	6	5	3	8	9	6	7	4	0	5	
28	6	5	2	6	5	0	3	0	0	4	5	5	3	
29	7	0	5	11	3	5	2	5	8	2	9	2	5	
30	2	2	3	13	14	0	0	17	44	3	3	2	9	
MEAN	3	3	5	5	5	3	4	4	5	3	3	2	3.8	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12015			SEWAGE PLT HWY 18/PROSPECT			WINDSOR			MONTH - JUL 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	7	0	4	2	2	0	0	3	0	0	3	2	
2	0	0	2	0	0	3	3	3	3	0	0	2	1	
3	0	0	2	0	7	5	0	3	0	1	5	0	2	
4	1	0	2	0	5	6	3	2	0	0	5	9	3	
5	2	3	7	2	1	4	3	5	1	3	0	1	3	
6	0	4	0	7	5	2	5	5	1	6	11	6	4	
7	3	3	4	5	9	9	2	4	0	2	3	2	4	
8	7	2	0	3	8	5	0	4	0	5	0	3	3	
9	5	3	0	9	3	3	0	2	2	1	5	5	3	
10	3	6	2	2	4	****	3	0	2	4	3	3	3	
11	3	3	5	2	1	1	2	5	4	0	0	2	2	
12	2	6	7	7	0	2	5	2	1	2	2	3	3	
13	5	4	3	6	1	5	3	5	5	5	1	7	4	
14	5	2	0	2	2	4	2	5	3	5	0	1	3	
15	4	4	4	4	2	5	2	5	1	3	0	2	3	
16	5	0	0	0	1	5	1	2	0	0	0	0	1	
17	1	2	6	5	****	1	2	0	0	1	2	0	2	
18	0	2	0	2	0	0	3	0	2	0	2	2	1	
19	2	2	5	3	7	5	2	0	1	2	2	0	3	
20	5	5	3	5	7	5	3	0	2	2	3	5	4	
21	3	0	3	0	3	1	2	12	12	9	5	2	4	
22	2	3	2	3	0	7	7	2	3	5	7	0	3	
23	3	0	3	3	3	4	5	0	2	0	0	1	2	
24	1	0	0	0	0	2	1	2	0	2	0	5	1	
25	2	0	4	5	3	3	2	0	2	0	3	2	2	
26	0	3	5	2	****	0	0	5	0	7	5	5	3	
27	2	2	2	5	2	5	3	5	5	0	3	0	3	
28	2	3	2	5	3	0	3	2	2	2	2	0	2	
29	0	3	4	7	5	3	9	12	4	0	4	2	4	
30	0	0	0	0	0	0	0	0	2	0	2	0	0	
31	1	0	5	5	2	2	2	0	3	0	4	2	2	
MEAN	2	2	3	3	3	3	3	3	2	2	3	2	2.6	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - SW NO 12015			SEWAGE PLT HWY 18/PROSPECT			WINDSOR			MONTH - AUG 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	5	0	5	3	1	0	3	0	2	5	7		
2	2	5	5	2	0	0	2	5	3	5	2	14		
3	5	7	3	3	0	3	3	4	3	1	4	3		
4	2	2	5	7	2	0	0	0	3	2	2	2		
5	0	2	5	9	3	3	3	3	2	0	0	3		
6	2	2	4	4	3	0	4	3	2	0	0	3		
7	2	4	7	7	3	2	7	5	2	3	2	3		
8	5	9	5	3	2	3	0	2	3	2	2	3		
9	5	0	9	2	12	3	0	5	0	5	0	3		
10	2	2	2	5	0	3	3	5	2	0	4	2		
11	3	3	3	7	5	5	0	1	5	2	0	2		
12	2	2	2	5	0	0	5	0	2	0	5	4		
13	0	0	7	7	7	2	0	2	3	0	2	2		
14	3	2	7	7	12	1	2	2	2	0	2	3		
15	2	2	5	2	3	3	4	3	3	3	2	0		
16	3	2	5	0	9	0	5	2	2	5	3	2		
17	12	9	12	7	3	5	5	2	2	3	2	2		
18	2	2	7	3	3	4	5	2	2	0	3	2		
19	2	3	1	5	2	0	3	2	3	0	0	2		
20	3	0	3	2	0	0	1	2	0	0	3	0		
21	2	4	5	3	2	4	0	2	2	3	2	2		
22	0	4	5	7	***	0	5	0	3	3	2	0		
23	2	4	5	0	5	9	0	2	3	2	0	2		
24	5	12	13	5	3	5	7	5	3	0	0	4		
25	3	2	3	3	2	0	3	3	5	2	2	0		
26	3	0	0	2	2	0	3	0	3	3	0	0		
27	1	2	2	0	2	0	0	3	0	2	2	0		
28	2	2	0	0	7	0	3	3	3	4	2	3		
29	4	3	2	2	12	7	2	2	5	5	2	5		
30	2	3	5	9	7	12	4	3	0	3	7	4		
31	3	5	2	5	***	2	2	3	2	0	2	5		
MEAN	3	3	4	4	4	2	3	3	2	2	2	3	3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	5	15	9	9	7	3	3	0	0	0	0	5	
2	0	2	5	9	3	3	0	5	0	3	3	5	3	
3	0	5	19	9	0	0	3	2	0	2	0	0	3	
4	2	0	0	4	0	0	0	2	0	2	5	5	2	
5	9	5	2	12	5	2	2	2	2	0	7	17	5	
6	12	7	7	15	5	7	7	0	4	4	4	9	7	
7	7	15	15	18	7	7	3	7	9	5	2	2	8	
8	0	3	3	12	15	15	2	2	4	4	2	2	5	
9	1	0	3	0	2	0	3	0	5	0	3	3	2	
10	5	3	2	2	7	3	5	3	2	7	4	2	4	
11	7	2	5	5	5	3	3	2	2	7	7	7	5	
12	2	9	5	5	2	2	3	0	2	2	0	3	3	
13	0	2	0	0	2	0	2	0	0	0	0	2	1	
14	3	2	2	5	5	2	3	5	3	0	13	9	4	
15	7	12	14	0	7	12	1	4	***	2	4	0	4	
16	6	7	3	8	2	3	6	2	0	2	4	0	4	
17	0	0	2	0	6	3	6	4	4	5	3	5	3	
18	0	2	4	5	14	8	2	3	9	0	4	4	5	
19	2	4	2	2	4	1	2	2	1	1	2	3	2	
20	2	3	5	6	7	7	2	4	2	5	2	3	4	
21	2	2	1	0	2	0	1	5	0	2	0	0	1	
22	2	2	2	3	6	1	0	4	2	2	4	2	3	
23	0	6	4	1	4	5	2	2	2	3	1	4	3	
24	5	6	6	12	5	3	4	3	6	9	13	3	6	
25	5	2	7	1	5	5	0	4	4	1	4	1	3	
26	2	2	7	8	2	3	2	1	1	2	2	1	3	
27	3	5	2	7	6	2	1	2	0	4	2	0	3	
28	1	4	5	7	3	2	2	3	2	0	6	6	3	
29	8	4	2	2	2	1	0	0	1	2	5	2	2	
30	0	0	2	4	2	6	3	9	3	3	7	7	4	
MEAN	3	4	5	6	5	4	2	3	2	3	4	4	3.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	8	2	1	0	0	0	0	0	3	2	2	2	
2	1	3	6	20	12	3	2	***	1	2	1	5	5	
3	2	0	0	2	3	2	3	2	4	3	2	2	2	
4	3	8	4	3	3	3	0	0	1	2	0	2	2	
5	4	0	0	0	2	1	3	4	4	1	6	0	2	
6	2	5	1	9	2	4	8	7	7	7	5	4	5	
7	3	4	9	4	0	5	5	2	0	2	4	2	3	
8	0	2	3	6	3	8	4	2	0	2	4	3	3	
9	8	6	4	6	3	***	***	0	1	2	2	3	4	
10	2	3	2	3	8	7	2	2	0	8	2	3	4	
11	2	4	0	7	8	2	4	8	5	0	9	4	4	
12	4	8	4	1	8	2	6	4	3	2	9	7	5	
13	9	2	7	5	12	11	4	2	2	2	-	-	6	
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	4	4	3	5	5	4	3	3	2	3	4	3	3.6	

PERCENTAGE OF DATA VALID - 40.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 58.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	5	16
FEB	27	3.7	6	15
MAR	31	4.0	9	18
APR	30	3.3	7	21
MAY	31	3.5	8	20
JUN	30	3.8	9	44
JUL	31	2.6	4	12
AUG	31	3.0	5	14
SEP	30	3.7	8	19
OCT	13	3.6	6	20
YEAR	285	3.5	9	44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	238	124	3	1	0	0	0	366
FEB	209	110	8	0	0	0	0	327
MAR	244	107	16	3	0	0	0	370
APR	257	87	14	0	1	0	0	359
MAY	253	101	8	6	0	0	0	368
JUN	247	90	14	4	0	2	1	358
JUL	281	84	4	0	0	0	0	369
AUG	284	77	9	0	0	0	0	370
SEP	244	96	16	3	0	0	0	359
OCT	110	37	3	1	0	0	0	151
YEAR	2367	913	95	18	1	2	1	3397

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	0.0	1.3	2.3	4.0	6.8	8.7	11.9	14.1	44	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - JAN 78	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	1	2	0	2	1	0	5	2	5	0	2	
2	4	1	2	0	4	2	2	2	4	2	3	4	3	
3	4	3	1	6	3	0	4	1	2	5	4	0	3	
4	4	0	3	2	3	2	7	4	9	4	8	3	4	
5	0	2	2	1	5	2	6	3	6	2	6	2	3	
6	5	4	4	1	4	***	6	0	3	0	2	3	3	
7	2	4	0	4	2	3	6	3	4	5	2	5	3	
8	3	3	2	7	2	7	3	3	7	3	5	2	4	
9	2	2	0	3	0	3	0	0	3	0	2	0	1	
10	2	0	3	0	3	2	2	0	3	0	2	2	2	
11	2	7	3	6	2	3	2	1	2	4	2	5	3	
12	5	5	4	3	7	5	2	3	2	2	3	1	4	
13	0	2	2	4	2	2	5	3	1	2	0	0	2	
14	2	1	0	0	2	0	4	0	2	0	6	0	2	
15	1	6	3	1	2	0	3	0	2	2	3	3	2	
16	0	1	3	4	0	3	3	2	1	5	2	2	2	
17	2	3	4	0	0	2	2	2	0	3	2	5	2	
18	0	3	1	3	3	1	2	2	2	2	2	2	2	
19	6	0	5	2	4	3	2	2	3	0	2	1	3	
20	1	0	3	3	2	0	3	0	0	3	2	2	2	
21	2	2	2	2	5	2	2	0	2	0	3	0	2	
22	5	4	2	0	3	3	4	0	2	3	2	4	3	
23	2	0	2	4	7	3	3	3	3	2	7	2	3	
24	2	4	1	5	3	4	3	***	5	3	6	2	3	
25	4	3	4	2	3	1	0	7	2	6	0	3	3	
26	3	0	5	2	4	0	2	8	0	0	5	0	2	
27	0	3	0	4	1	0	3	2	6	5	0	2	2	
28	5	2	0	2	2	3	3	2	0	2	2	2	2	
29	2	1	2	0	3	4	2	2	2	2	3	3	2	
30	0	2	3	2	0	0	4	1	5	0	5	5	2	
31	0	4	4	3	4	2	0	2	0	2	2	0	2	
MEAN	2	2	2	3	3	2	3	2	3	2	3	2	2.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - FEB 78	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	5	2	5	3	3	0	6	0	4	0	3	
2	5	1	3	3	4	9	0	0	2	3	3	5	3	
3	7	6	2	5	3	4	5	5	0	2	0	5	4	
4	2	3	4	1	3	3	0	2	0	2	4	4	2	
5	3	0	4	2	2	0	2	2	5	1	4	2	2	
6	0	2	5	5	3	2	3	2	1	4	4	6	3	
7	5	8	3	2	3	0	2	2	2	1	7	5	3	
8	2	3	8	10	3	6	7	3	3	3	0	1	4	
9	3	5	2	4	7	2	2	2	2	7	3	2	3	
10	7	7	5	5	10	3	3	2	2	0	0	3	4	
11	4	2	2	3	4	6	0	3	0	3	3	0	3	
12	3	4	2	3	3	7	0	2	2	6	2	3	3	
13	5	0	3	1	5	5	5	***	0	0	4	0	3	
14	0	3	2	3	4	4	2	1	2	2	3	1	2	
15	2	2	2	2	2	5	2	5	1	4	4	2	3	
16	4	1	2	1	0	5	2	0	4	4	3	4	3	
17	2	4	2	7	3	10	2	2	2	2	4	4	4	
18	2	4	6	2	6	5	6	6	2	4	1	3	4	
19	3	7	4	2	4	2	4	0	0	2	1	3	3	
20	6	4	4	4	7	10	8	6	4	2	0	4	5	
21	4	4	7	5	8	7	5	3	2	4	6	2	5	
22	1	4	3	6	4	4	0	2	1	0	2	3	3	
23	2	2	2	3	1	6	6	2	5	2	7	5	4	
24	1	3	3	5	3	6	1	10	2	2	2	0	3	
25	4	0	2	1	4	0	5	2	5	3	2	5	3	
26	3	4	1	2	1	2	1	2	2	2	0	2	2	
27	0	1	3	4	10	2	0	2	0	0	4	1	2	
28	5	1	2	2	2	2	3	3	3	0	5	4	3	
MEAN	3	3	3	3	4	4	3	3	2	2	3	3	3.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	9	2	3	3	5	0	2	0	2	2	3	
2	3	11	6	5	2	2	0	2	3	3	2	3	4	
3	0	2	4	4	6	4	3	2	5	1	0	3	3	
4	0	0	3	0	1	0	2	0	4	2	0	0	1	
5	0	2	3	7	0	4	3	0	2	3	7	0	3	
6	3	2	5	7	3	5	2	2	4	2	0	0	3	
7	2	3	4	2	2	3	0	0	0	2	1	1	2	
8	0	3	2	0	0	2	0	2	2	0	2	2	1	
9	0	3	2	0	3	4	2	4	2	0	2	2	2	
10	2	3	3	1	2	1	4	0	2	2	3	1	2	
11	3	2	5	0	4	2	2	0	3	0	2	3	2	
12	0	0	0	0	3	2	2	2	2	2	0	3	1	
13	0	2	2	2	3	0	2	4	0	0	0	0	1	
14	2	2	0	1	2	0	0	2	0	0	0	2	4	
15	1	0	2	2	3	0	3	2	2	0	0	4	2	
16	0	2	2	3	2	2	2	2	0	1	0	2	2	
17	3	3	11	10	13	5	1	2	4	3	5	1	2	
18	0	3	4	0	***	2	3	0	3	0	3	1	4	
19	10	6	9	12	12	3	2	3	3	0	3	3	6	
20	2	7	4	2	3	0	2	2	7	5	2	9	4	
21	9	3	2	0	2	2	0	2	0	0	0	3	2	
22	5	1	2	0	2	2	0	2	0	0	0	2	1	
23	2	0	2	3	5	2	5	5	3	0	2	3	3	
24	4	2	7	5	4	6	3	3	2	4	3	6	4	
25	5	10	9	19	20	7	4	3	5	4	4	2	8	
26	5	7	5	19	8	5	2	7	3	5	12	7	7	
27	5	5	5	2	5	7	5	5	3	3	0	3	4	
28	3	2	7	9	5	7	0	2	2	0	7	3	4	
29	4	3	3	2	3	***	2	7	0	5	2	2	3	
30	3	2	3	5	2	2	2	2	-	-	-	-	3	
31	- DATA UNAVAILABLE -													
MEAN	3	3	4	4	4	3	2	2	2	2	2	2	2.8	

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5													- DATA UNAVAILABLE -	
6													- DATA UNAVAILABLE -	
7													- DATA UNAVAILABLE -	
8													- DATA UNAVAILABLE -	
9													- DATA UNAVAILABLE -	
10	-	-	-	-	-	-	-	2	2	2	2	2	*****	
11	0	5	0	4	0	3	0	5	0	0	2	0	2	
12	2	7	2	3	2	3	0	2	9	9	5	7	4	
13	3	7	9	2	5	2	5	4	2	5	0	3	4	
14	2	0	5	2	3	0	0	2	0	0	3	0	1	
15	0	3	0	2	0	0	2	2	0	2	0	3	1	
16	0	0	3	2	2	1	0	0	2	2	0	5	1	
17	3	1	0	2	2	0	4	2	3	0	0	3	2	
18	0	7	2	2	0	1	2	2	0	0	0	3	2	
19	5	5	5	0	0	5	2	0	0	0	2	0	2	
20	3	2	2	2	0	***	1	0	2	2	0	4	2	
21	4	2	2	5	5	4	0	2	3	3	3	0	3	
22	2	7	3	2	4	0	5	2	0	0	1	3	2	
23	2	5	7	2	4	0	5	3	2	0	0	0	3	
24	2	0	0	2	3	0	0	0	2	0	3	0	1	
25	2	2	2	2	0	3	3	0	3	0	3	1	2	
26	0	0	0	0	4	0	5	0	2	0	2	2	1	
27	0	4	2	4	2	2	3	0	2	3	0	9	3	
28	9	4	9	5	7	3	5	0	0	0	2	2	4	
29	5	2	3	5	5	2	0	3	2	3	0	7	3	
30	0	2	2	7	3	0	3	0	2	0	3	0	2	
MEAN	2	3	3	3	3	2	2	1	2	1	1	3	2.2	

PERCENTAGE OF DATA VALID - 67.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 31.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/100G FT

	STATION - SW NO 12032			MORTON DOCK BEDFORD/OJIBWAY			WINDSOR			MONTH - JUL 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	0	5	2	0	0	3	0	0	0	0	2		
2	2	0	2	0	0	2	0	0	3	0	0	0		
3	2	0	0	3	0	2	0	2	2	3	0	3		
4	****	****	****	****	****	3	3	3	0	5	0	5	*****	
5	2	3	5	4	2	3	0	1	0	2	3	0		
6	3	2	0	2	0	3	0	0	3	3	2	0		
7	2	3	3	3	4	2	5	2	4	0	2	2		
8	0	3	0	0	2	3	0	0	7	5	2	3		
9	0	0	3	3	0	5	0	3	0	3	4	3		
10	3	7	2	7	****	****	7	0	0	0	3	0		
11	2	3	2	2	0	0	2	5	0	0	0	5		
12	3	0	0	2	0	3	0	5	0	0	0	5		
13	0	0	5	4	2	0	0	5	2	3	3	15		
14	7	5	5	0	0	2	2	3	0	5	0	3		
15	3	4	2	7	2	0	2	0	0	2	5	3		
16	0	0	2	2	5	0	2	5	0	0	0	0		
17	0	0	0	2	***	***	5	0	0	5	0	0		
18	0	0	3	0	9	3	5	2	2	3	4	3		
19	5	2	7	4	7	7	3	2	0	2	3	2		
20	7	3	5	3	7	4	5	0	5	3	3	5		
21	3	5	15	2	1	5	7	2	6	2	4	0		
22	0	2	3	5	5	0	5	6	0	2	0	1		
23	0	2	3	3	0	3	2	0	0	5	2	1		
24	0	4	2	0	3	0	2	0	1	0	2	2		
25	1	0	2	3	***	5	1	3	2	0	5	3		
26	3	3	0	2	3	5	2	0	2	2	0	9		
27	5	0	4	0	0	3	3	0	2	5	7	0		
28	3	2	2	5	2	0	0	2	2	0	0	0		
29	0	1	0	0	5	3	0	3	0	0	0	0		
30	2	0	0	0	0	0	0	0	2	0	0	0		
31	0	3	2	7	2	2	2	1	2	0	0	4		
MEAN	2	2	3	3	2	2	2	2	2	2	2	3	2.1	

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/100G FT

STATION - SW NO 12032				MORTON DOCK BEDFORD/OJIBWAY				WINDSOR				MONTH - AUG 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	3	7	7	0	3	***	0	4	7	7	1	2	4			
2	0	3	3	3	3	2	0	2	2	4	0	0	5			
3	2	7	7	5	0	3	0	4	2	12	3	9	4			
4	1	9	3	5	0	5	5	2	3	2	0	2	3			
5	2	0	5	4	2	2	2	2	0	5	2	2	2			
6	2	3	7	2	0	1	2	2	3	3	0	5	3			
7	0	3	7	3	2	3	3	3	2	0	0	5	3			
8	3	5	5	5	5	4	1	3	3	0	2	2	3			
9	1	2	2	2	2	3	2	0	5	0	0	0	2			
10	4	0	2	0	3	0	4	0	5	2	0	2	2			
11	2	0	0	3	4	0	2	3	3	3	0	2	2			
12	0	2	2	0	2	3	4	0	2	3	5	2	2			
13	3	5	9	7	12	3	2	2	2	0	2	0	4			
14	0	5	7	4	12	0	0	3	5	7	5	0	4			
15	0	0	2	5	4	5	7	3	3	4	0	7	3			
16	0	3	2	0	2	9	2	0	3	2	2	0	3			
17	0	2	2	9	5	2	0	7	2	2	0	3	3			
18	4	5	0	3	3	2	5	0	0	2	5	7	3			
19	5	4	3	3	0	3	7	0	0	15	12	3	5			
20	2	9	5	0	0	2	1	2	0	3	0	3	2			
21	4	0	0	2	***	3	2	0	3	0	0	2	1			
22	0	0	3	7	5	5	5	2	2	3	4	5	3			
23	3	7	14	5	5	7	2	5	3	3	9	7	6			
24	7	17	12	9	0	5	9	7	3	5	5	3	7			
25	7	3	0	2	0	***	5	0	2	2	0	0	2			
26	***	3	0	3	2	5	0	7	2	0	2	3	2			
27	0	2	3	4	0	9	2	5	3	3	5	0	3			
28	0	0	0	5	3	5	2	3	2	5	2	9	3			
29	3	0	7	3	***	0	2	2	1	5	7	9	4			
30	5	7	7	9	13	9	7	2	3	3	3	4	6			
31	3	9	2	3	0	1	2	4	2	0	0	2	2			
MEAN	2	4	4	4	3	3	3	2	2	3	2	3	3.1			

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	2	3	2	5	3	3	2	2	0	4	3
2	2	2	7	3	2	2	3	2	2	3	3	0	3
3	5	5	2	2	4	5	5	5	3	2	2	0	3
4	2	3	2	2	1	0	0	3	1	0	3	7	2
5	5	0	5	5	7	3	3	3	4	0	2	12	4
6	5	5	7	9	7	5	4	2	3	7	5	5	5
7	3	2	3	7	9	5	2	4	3	3	5	0	4
8	2	0	3	2	9	7	4	3	5	7	2	2	4
9	2	2	3	0	3	2	0	2	0	1	0	0	1
10	0	3	1	4	5	3	3	3	3	2	2	2	3
11	7	5	7	5	2	7	4	2	2	3	2	3	4
12	5	5	3	0	***	1	0	1	2	0	0	0	2
13	2	0	1	2	0	0	0	2	3	0	2	2	1
14	0	2	2	1	2	2	1	4	4	2	6	2	2
15	3	1	3	3	3	3	0	2	0	0	3	0	2
16	0	3	5	3	2	2	3	3	0	2	1	2	2
17	1	2	0	3	3	2	2	2	2	0	2	2	2
18	2	2	2	2	1	2	2	2	6	3	4	7	3
19	1	2	1	0	2	2	2	0	1	3	0	3	1
20	2	3	2	2	6	4	2	1	2	6	3	2	3
21	2	3	3	7	3	2	3	2	3	3	3	2	3
22	2	2	7	4	3	2	2	0	0	2	2	3	2
23	2	0	0	4	2	1	0	0	0	0	0	2	1
24	3	3	5	3	3	0	2	0	7	1	3	0	7
25	2	1	6	4	2	2	2	0	2	0	2	1	2
26	2	0	2	2	3	1	0	1	2	0	2	0	1
27	3	3	1	3	6	0	4	5	10	2	0	2	3
28	3	6	4	7	4	2	2	1	3	2	5	2	3
29	1	0	0	2	0	2	3	0	0	2	2	2	1
30	4	2	2	2	2	3	2	2	2	4	3	2	3
MEAN	2	2	3	3	3	3	2	2	3	2	2	3	2.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - OCT 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	5	6	0	5	5	2	2	1	2	3
2	-	2	2	10	15	9	2	0	1	2	0	2	4
3	2	2	0	0	3	4	2	5	8	6	3	9	4
4	7	6	7	5	3	0	2	0	3	7	3	4	4
5	2	3	2	3	3	0	2	3	1	5	1	5	3
6	0	2	0	7	0	0	0	1	2	7	6	5	3
7	2	2	2	7	5	2	6	3	6	3	5	3	4
8	11	0	2	0	4	3	5	0	0	3	2	3	3
9	3	3	6	2	7	5	3	2	0	5	2	3	3
10	3	3	4	4	5	4	4	2	2	4	5	3	4
11	2	6	3	3	3	2	5	3	3	0	2	2	3
12	2	2	2	3	5	3	6	4	5	3	3	5	4
13	2	4	1	9	5	5	0	0	0	1	2	1	3
14	1	0	3	3	3	0	2	0	3	0	2	0	1
15	4	2	3	2	0	0	3	2	3	2	2	3	2
16	0	1	0	3	0	***	***	-	-	-	-	-	*****
17													- DATA UNAVAILABLE -
18													- DATA UNAVAILABLE -
19													- DATA UNAVAILABLE -
20													- DATA UNAVAILABLE -
21													- DATA UNAVAILABLE -
22													- DATA UNAVAILABLE -
23													- DATA UNAVAILABLE -
24													- DATA UNAVAILABLE -
25													- DATA UNAVAILABLE -
26													- DATA UNAVAILABLE -
27													- DATA UNAVAILABLE -
28													- DATA UNAVAILABLE -
29													- DATA UNAVAILABLE -
30													- DATA UNAVAILABLE -
31													- DATA UNAVAILABLE -
MEAN	3	2	2	4	4	2	3	2	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 49.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 50.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	4	9
FEB	28	3.1	5	10
MAR	31	3.1	8	17
APR	30	2.6	7	21
MAY	30	2.8	8	20
JUN	20	2.2	4	9
JUL	30	2.1	4	15
AUG	31	3.1	7	17
SEP	30	2.6	5	12
OCT	15	3.0	4	15
YEAR	276	2.7	8	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	318	52	0	0	0	0	0	370
FEB	258	77	0	0	0	0	0	335
MAR	277	84	8	1	0	0	0	370
APR	290	63	6	0	1	0	0	360
MAY	266	59	6	3	0	0	0	354
JUN	206	38	0	0	0	0	0	244
JUL	302	58	2	0	0	0	0	362
AUG	267	91	8	1	0	0	0	367
SEP	303	55	1	0	0	0	0	359
OCT	140	42	2	0	0	0	0	184
YEAR	2647	619	33	5	1	0	0	3305

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.6	0	0.0	1.1	1.8	2.8	5.1	6.7	8.7	10.5	21	2.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	0	0	3	1	0	0	3	0	5	1	
2	2	1	0	2	2	0	3	0	4	0	2	1	1	
3	2	1	2	1	4	2	1	4	0	2	2	3	2	
4	2	5	2	0	0	2	0	2	2	0	3	2	2	
5	2	3	4	4	5	9	3	4	5	7	5	7	5	
6	3	4	5	2	0	4	3	2	1	1	4	0	2	
7	2	5	2	0	0	2	2	2	6	4	2	4	3	
8	1	3	2	2	2	3	4	3	2	0	1	2	2	
9	2	2	0	3	2	1	0	0	2	0	0	2	1	
10	1	0	0	2	0	2	0	1	0	2	2	2	1	
11	2	2	0	5	0	3	2	0	9	2	2	4	3	
12	6	5	1	2	0	4	13	2	4	2	2	4	4	
13	1	6	0	3	4	6	1	4	4	0	0	0	2	
14	1	0	0	0	0	3	2	0	0	0	0	0	1	
15	0	1	1	2	0	0	2	0	4	2	2	1	1	
16	0	1	3	2	4	6	0	5	4	4	4	8	3	
17	11	5	7	3	6	0	0	0	2	1	2	4	3	
18	2	0	1	0	0	0	1	1	2	1	2	4	3	
19	11	5	2	7	6	4	2	0	0	0	5	0	4	
20	0	2	5	2	4	3	4	2	2	2	0	2	2	
21	0	0	0	2	0	2	8	3	0	8	6	3	3	
22	5	0	0	0	3	0	0	2	3	0	3	2	2	
23	6	0	7	2	9	2	3	0	5	0	6	2	4	
24	6	3	5	2	2	5	2	11	13	8	6	9	6	
25	8	5	0	9	0	2	3	7	8	2	3	0	4	
26	2	0	3	0	8	6	0	***	6	13	6	9	5	
27	2	3	4	4	8	3	2	6	5	2	5	7	4	
28	6	0	6	2	3	3	0	2	0	5	0	3	3	
29	0	3	0	0	0	0	0	0	1	0	6	3	1	
30	0	2	0	0	2	7	0	1	0	5	5	7	2	
31	5	9	13	9	11	7	2	5	7	3	2	2	6	
MEAN	3	3	2	2	3	3	2	2	3	3	3	3	2.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	4	4	0	2	2	8	7	9	5	4	
2	9	7	5	3	3	6	1	0	11	2	8	3	5	
3	3	1	11	3	19	9	2	5	0	3	2	3	5	
4	0	3	6	0	6	0	3	1	2	0	0	4	2	
5	5	5	6	6	5	0	3	0	0	0	3	2	3	
6	0	0	0	3	0	0	0	0	0	0	0	0	0	
7							-	-	-	-	-	-	*****	
8							-	-	-	-	-	-	*****	
9							-	-	-	-	-	-	*****	
10	-	-	-	-	-	-	0	0	2	1	3	5	*****	
11	0	0	0	1	5	4	9	2	2	0	0	0	2	
12	2	0	2	0	0	0	0	2	0	0	0	0	1	
13	2	2	0	6	1	0	1	3	3	13	2	3	3	
14	6	0	1	3	11	2	5	0	5	2	6	9	4	
15	6	2	3	5	7	3	5	2	0	3	3	2	3	
16	7	0	3	13	5	1	2	3	3	0	0	0	3	
17	7	2	0	7	1	0	3	7	2	13	5	3	4	
18	5	6	6	1	2	4	6	5	7	0	0	2	4	
19	2	3	5	5	1	13	3	2	0	0	9	4	4	
20	8	5	0	3	13	4	9	0	3	1	8	8	5	
21	2	6	5	11	13	0	5	0	0	0	1	4	4	
22	0	2	2	0	0	5	0	0	0	0	2	4	1	
23	2	2	2	6	11	3	5	2	1	5	5	0	4	
24	7	2	0	7	3	4	3	2	2	4	0	3	2	
25	5	0	2	2	3	0	6	0	3	2	0	3	2	
26	2	0	3	0	7	0	0	0	1	5	0	2	2	
27	0	2	3	4	0	3	3	3	1	2	2	3	2	
28	5	0	1	2	3	3	2	3	1	2	3	0	2	
MEAN	4	2	3	4	5	3	3	2	2	3	3	3	3.0	

PERCENTAGE OF DATA VALID - 86.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 14.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	9	0	0	3	2	0	0	2	0	9	2	2
2	2	2	0	5	0	0	3	0	0	3	7	0	2	2
3	3	5	2	7	0	0	8	3	0	0	5	0	3	3
4	0	0	2	0	7	2	0	3	0	4	2	0	2	2
5	4	0	0	0	2	2	0	1	1	2	0	2	1	1
6	3	2	0	0	3	0	0	2	5	0	0	1	3	1
7	7	2	3	3	0	3	***	2	1	5	2	7	3	3
8	1	0	3	2	0	3	2	2	4	2	3	5	4	4
9	3	8	3	8	5	0	7	0	4	2	3	7	3	3
10	2	5	5	7	3	2	2	0	3	0	3	3	3	3
11	3	2	3	2	5	3	3	6	5	2	5	8	4	4
12	4	7	5	2	2	2	2	2	1	0	0	3	3	3
13	0	9	9	9	0	0	3	3	2	3	3	3	4	4
14	0	2	0	3	3	0	2	0	2	2	2	3	2	2
15	0	4	0	2	0	3	2	2	0	4	0	0	1	1
16	5	0	0	3	1	2	2	2	3	0	3	0	2	2
17	0	2	3	0	4	0	2	2	0	2	1	0	1	1
18	0	0	2	2	0	2	2	0	2	1	0	3	1	1
19	0	2	2	0	0	0	0	0	2	3	0	0	1	1
20	2	0	2	2	***	1	0	1	1	1	2	0	1	1
21	7	2	2	0	2	3	3	3	0	2	1	0	2	2
22	5	2	0	2	3	3	2	2	2	1	2	0	2	2
23	0	2	1	0	0	3	1	0	0	1	2	0	1	1
24	2	2	0	2	2	0	2	0	0	2	2	0	1	1
25	2	3	2	0	0	2	3	0	2	3	1	0	1	1
26	2	0	3	0	0	0	2	0	3	2	0	3	2	2
27	2	2	0	1	2	2	2	3	3	0	3	2	2	2
28	0	2	2	2	0	0	0	0	2	0	0	0	1	1
29	2	2	0	2	0	2	2	***	0	3	3	0	2	2
30	0	5	0	2	3	2	2	0	2	0	0	0	1	1
31	4	2	5	12	2	2	0	1	3	0	2	2	3	3
MEAN	2	2	2	3	2	2	2	1	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	4	2	3	0	2	0	2	0	0	0	2	2
2	0	0	0	3	0	0	1	0	0	0	3	0	1	1
3	2	3	2	2	3	2	2	1	3	2	2	0	2	2
4	7	0	5	5	3	3	5	5	3	5	0	0	3	3
5	2	0	2	0	0	0	0	0	0	1	2	2	1	1
6	2	4	7	0	3	2	0	4	0	5	0	3	3	3
7	2	2	0	2	0	0	0	0	3	2	0	2	1	1
8	0	2	0	0	0	2	0	0	2	0	2	4	1	1
9	0	0	3	0	0	0	3	2	0	0	0	0	1	1
10	2	0	2	3	2	2	2	2	7	3	2	5	3	3
11	2	7	2	2	2	0	3	3	0	2	0	6	2	2
12	0	0	5	2	0	3	0	3	0	2	0	7	2	2
13	0	2	0	0	2	0	3	0	0	4	2	1	1	1
14	2	1	0	1	0	3	6	5	0	4	2	1	2	2
15	2	0	0	2	0	0	0	0	4	4	0	3	1	1
16	0	6	0	2	3	2	2	0	0	0	0	2	1	1
17	0	8	0	2	0	3	2	0	2	0	2	0	2	2
18	7	2	5	3	1	0	3	0	0	2	2	2	2	2
19	0	9	0	6	0	0	0	0	3	9	0	5	3	3
20	0	2	2	0	2	2	11	2	1	5	0	2	2	2
21	0	2	3	3	0	0	6	1	0	2	0	0	1	1
22	0	3	3	2	0	3	4	2	0	4	0	0	2	2
23	2	9	3	0	0	3	0	0	2	0	0	3	2	2
24	1	3	0	8	0	0	0	0	2	0	0	0	1	1
25	2	0	2	5	0	0	1	0	0	0	2	0	1	1
26	4	2	0	2	0	0	5	2	0	7	4	0	2	2
27	1	0	2	0	2	2	2	3	2	4	5	2	2	2
28	3	0	2	2	2	0	0	0	6	2	2	2	2	2
29	3	3	2	7	1	0	2	0	3	5	0	0	2	2
30	0	0	0	3	0	0	0	0	0	2	0	0	2	2
MEAN	2	2	2	2	1	1	2	1	1	3	1	2	1.7	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	3	0	0	0	2	1	0	2	1	
2	4	2	11	1	5	2	2	2	1	0	0	2	3	
3	0	0	6	2	0	2	0	3	0	0	2	2	1	
4	4	7	2	0	0	3	2	2	3	0	1	0	2	
5	0	0	5	2	2	2	0	5	8	3	2	0	2	
6	2	0	0	2	0	0	0	0	0	1	3	0	1	
7	0	3	0	0	0	1	0	0	0	0	0	0	1	
8	0	0	0	0	26	3	6	3	2	5	0	3	4	
9	0	0	0	4	0	0	2	0	0	0	0	2	1	
10	7	0	0	0	0	3	2	4	0	0	0	0	1	
11	2	0	0	0	6	3	2	7	4	3	2	1	3	
12	3	0	0	0	0	2	0	5	0	2	2	0	1	
13	0	0	0	6	0	0	0	0	2	0	0	0	1	
14	3	0	2	2	5	0	2	3	3	6	2	2	3	
15	0	0	0	0	0	3	0	0	1	0	***	0	0	
16	0	0	0	0	0	1	5	4	2	0	3	2	1	
17	2	1	4	0	0	0	0	2	0	3	3	8	2	
18	0	6	4	5	6	3	0	0	2	3	2	0	3	
19	0	0	3	15	0	1	2	0	0	2	9	0	3	
20	2	3	7	7	5	3	7	0	0	0	0	2	3	
21	0	0	3	2	3	1	0	0	3	0	3	3	2	
22	4	0	6	5	1	0	2	0	3	0	6	15	4	
23	7	5	6	9	5	6	4	8	2	0	13	7	6	
24	0	7	2	6	2	0	0	3	2	0	0	7	2	
25	2	0	2	2	0	2	1	5	0	2	0	1	1	
26	9	7	15	9	5	2	5	0	5	0	0	0	5	
27	7	11	7	11	7	2	7	0	5	3	0	8	6	
28	0	3	7	0	0	0	3	0	2	5	0	***	2	
29	-	-	-	-	-	2	0	2	4	2	0	4	*****	
30	3	0	5	0	5	2	3	2	0	0	0	3	2	
31	0	1	4	3	2	2	3	0	0	2	3	7	2	
MEAN	2	2	3	3	3	2	2	2	2	1	2	3	2.2	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	3	0	0	6	3	3	0	2	2	
2	7	3	3	7	9	3	3	0	5	0	0	3	4	
3	0	0	7	0	0	0	7	0	5	0	0	5	2	
4	2	5	1	2	0	0	2	7	2	2	0	0	2	
5	0	2	0	0	0	0	0	0	0	0	0	4	1	
6	3	3	0	0	0	0	0	0	2	5	0	0	1	
7	0	2	2	0	0	3	0	0	2	5	2	5	2	
8	2	2	0	2	2	5	0	0	5	3	0	0	2	
9	0	2	3	2	5	0	2	0	3	0	2	0	2	
10	0	2	2	0	0	0	0	0	0	0	0	3	1	
11	3	5	2	3	3	0	2	1	0	3	1	0	2	
12	5	2	3	9	3	0	3	3	0	0	0	0	2	
13	7	2	2	3	0	2	0	0	5	0	0	0	2	
14	5	0	2	0	2	3	0	0	0	0	0	0	2	
15	0	5	7	5	3	2	0	0	0	0	0	9	2	
16	2	0	3	2	0	5	9	0	0	0	3	0	2	
17	0	3	7	5	3	2	0	3	4	7	4	5	3	
18	2	4	5	0	3	0	0	0	0	0	2	0	3	
19	3	2	0	2	3	0	5	0	0	0	2	4	2	
20	7	9	3	7	0	3	0	9	2	5	0	3	4	
21	0	2	1	0	0	0	0	0	2	0	5	2	1	
22	3	2	0	3	3	0	0	0	0	0	0	5	1	
23	2	0	0	3	0	0	0	0	0	2	1	5	1	
24	2	0	3	0	1	2	3	0	3	2	2	0	2	
25	0	2	2	0	5	0	5	0	5	2	5	5	3	
26	0	0	2	0	1	0	0	2	2	2	3	0	1	
27	0	0	2	0	5	0	3	0	3	0	1	0	1	
28	4	3	0	0	0	3	0	0	2	0	9	0	2	
29	5	3	2	0	0	0	0	2	3	0	0	1	1	
30	1	2	0	0	0	0	1	5	0	3	0	0	1	
MEAN	2	2	2	2	2	1	2	1	2	1	1	2	1.8	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	1	3	5	3	0	2	2	2	2	2	2
2	4	2	1	0	0	2	0	6	0	3	1	0	0	2
3	1	1	0	0	0	2	0	6	6	3	0	2	2	2
4	0	0	0	0	0	3	2	4	1	0	0	5	1	1
5	3	2	1	2	0	0	0	0	5	2	2	5	2	2
6	0	0	0	0	0	1	3	2	2	0	5	5	2	2
7	4	2	1	3	6	1	0	0	2	2	5	2	2	2
8	1	2	0	2	1	0	1	0	5	1	0	1	1	1
9	0	0	0	1	2	4	0	1	0	0	0	1	1	1
10	0	2	0	0	0	0	0	2	0	0	1	1	1	1
11	0	2	0	1	0	0	2	0	2	1	2	3	1	1
12	0	3	0	6	2	1	1	3	0	0	2	0	2	2
13	3	2	0	3	0	2	0	0	3	2	0	0	1	1
14	0	0	0	3	2	2	2	2	0	0	0	0	1	1
15	1	0	0	0	3	3	5	2	0	2	0	****	1	1
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18	-	-	-	-	-	-	****	0	3	5	2	*****		
19	2	0	0	4	5	0	3	1	5	0	2	5	2	2
20	5	0	3	1	5	2	1	0	0	3	0	3	2	2
21	6	0	3	3	3	2	0	3	3	0	1	2	2	2
22	5	2	2	3	0	0	3	5	0	0	0	8	2	2
23	1	3	0	3	0	0	4	0	2	0	0	4	1	1
24	0	0	2	3	3	3	2	2	0	0	0	0	1	1
25	3	3	0	3	0	3	3	0	3	2	0	0	2	2
26	0	2	2	0	2	0	0	11	0	2	1	0	3	3
27	3	7	0	0	5	3	0	5	3	2	3	2	1	1
28	1	0	0	2	0	0	0	0	0	0	0	6	1	1
29	2	0	0	2	1	0	3	5	0	0	0	0	1	1
30	0	2	0	3	0	1	2	0	1	0	0	3	1	1
31	3	2	3	0	3	2	0	0	3	0	0	2	2	2
MEAN	2	1	1	2	2	1	1	2	2	1	1	2	1.5	

PERCENTAGE OF DATA VALID - 91.1 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 8.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	5	7	3	0	0	9	2	1	1	5	3	3
2	2	2	3	0	3	7	3	0	1	3	3	0	2	2
3	2	2	2	3	0	0	0	0	1	1	2	2	1	1
4	1	0	0	2	2	2	5	0	2	2	3	0	1	1
5	3	1	5	7	2	3	0	0	0	0	0	3	2	2
6	4	0	3	6	1	0	3	0	2	2	2	1	2	2
7	3	4	3	5	3	0	1	3	2	3	2	5	3	3
8	2	3	5	2	5	0	5	2	0	3	0	2	2	2
9	5	3	2	7	3	7	0	2	2	0	2	0	3	3
10	0	2	2	3	2	0	0	0	0	2	0	0	1	1
11	0	7	0	3	2	1	0	6	5	4	7	4	3	3
12	4	7	9	3	6	1	7	2	3	2	2	5	4	4
13	10	5	6	2	0	2	4	2	2	6	2	4	4	4
14	2	6	8	16	3	2	0	2	0	6	3	3	3	3
15	1	0	2	11	3	1	0	7	4	0	6	0	3	3
16	6	5	8	8	2	3	2	2	2	0	2	0	3	3
17	2	0	0	6	***	***	1	0	2	2	2	3	2	2
18	2	2	2	4	2	3	2	0	6	3	3	4	3	3
19	0	2	1	5	2	1	0	3	1	0	1	0	1	1
20	5	1	0	0	0	2	3	0	1	4	0	0	1	1
21	0	0	4	4	0	0	3	2	0	0	2	3	2	2
22	0	4	6	10	6	2	0	3	3	3	4	2	4	4
23	7	8	7	11	7	6	2	3	2	6	1	5	5	5
24	6	4	4	9	9	4	9	5	2	4	2	2	1	1
25	2	2	4	8	5	2	1	5	4	0	0	3	3	3
26	0	3	3	5	0	0	3	1	2	0	0	3	2	2
27	0	3	5	3	0	5	0	2	2	2	3	0	2	2
28	0	0	2	2	4	3	5	3	0	2	3	0	1	1
29	0	0	2	0	0	2	0	2	0	0	2	7	4	4
30	5	9	3	9	2	3	2	0	3	3	7	7	1	1
31	2	0	0	7	1	0	2	0	2	0	****	****	1	1
MEAN	2	3	3	5	3	2	2	2	2	2	2	2	2.6	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	****	****	****	****	****	2	1	2	2	3	2	3	*****	
2	3	4	5	3	3	4	3	0	2	3	2	3	3	
3	2	2	2	2	3	2	3	0	0	2	1	0	2	
4	2	2	0	0	3	0	0	0	2	0	0	2	1	
5	0	5	2	2	5	0	2	0	3	2	3	0	2	
6	7	3	3	2	4	4	3	5	3	0	5	2	3	
7	3	3	4	3	2	1	0	3	3	4	3	0	2	
8	2	0	2	2	2	0	2	25	3	3	3	2	4	
9	2	2	2	2	0	0	2	3	0	2	0	0	1	
10	0	0	0	2	1	0	0	3	2	3	2	4	1	
11	2	5	3	3	7	5	5	3	5	4	3	2	4	
12	3	1	0	2	0	2	2	1	2	0	2	1	1	
13	0	0	0	0	2	0	2	1	2	0	0	5	1	
14	0	2	0	3	2	0	2	5	0	2	1	3	2	
15	0	1	0	2	2	2	0	2	4	2	0	2	1	
16	1	0	0	0	2	0	2	****	****	-	-	-	*****	
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
MEAN	2	2	2	2	3	1	2	4	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 50.6

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 47.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH													
POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - SW NO 15003 362 DUNDAS ST LONDON							MONTH - OCT 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27	-	-	-	-	3	6	1	4	3	3	4	4	4
28	4	5	2	4	3	4	1	1	0	1	0	2	2
29	2	2	0	2	3	2	2	1	3	2	2	2	2
30	2	0	4	5	5	1	2	4	6	2	4	6	3
31	9	7	7	4	9	4	4	3	3	0	0	2	4
MEAN	4	4	3	4	5	3	2	3	3	2	2	3	3.1

PERCENTAGE OF DATA VALID - 15.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 84.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	5	4	3	2	3	3	0	1	2	2
2	3	2	2	4	6	4	2	3	7	3	5	5	4	4
3	9	9	13	15	26	6	2	6	3	5	7	0	9	9
4	4	3	5	9	5	5	3	3	5	0	0	0	5	0
5	0	0	0	0	0	0	0	0	0	1	1	1	0	0
6	0	0	0	0	0	0	0	0	1	1	2	2	1	1
7	1	1	2	0	0	0	2	2	3	2	2	0	2	2
8	3	2	2	6	2	2	2	2	3	2	3	5	2	2
9	2	2	2	2	2	2	2	2	3	2	3	5	2	2
10	1	2	2	6	4	2	3	2	1	3	5	5	3	3
11	1	4	6	3	1	2	3	2	2	1	2	1	2	2
12	0	2	0	0	0	1	0	0	2	0	0	0	0	0
13	1	2	2	4	0	4	2	3	2	3	3	2	2	2
14	-	-	-	-	-	****	0	1	2	2	1	2	*****	3
15	0	0	2	3	0	2	3	0	3	3	9	7	3	3
16	2	2	3	11	1	2	0	1	2	2	1	2	2	1
17	2	2	0	2	0	0	2	1	3	0	1	1	1	1
18	2	0	2	1	0	2	0	2	0	3	0	3	1	1
19	2	1	0	1	2	2	0	2	0	2	0	2	1	1
20	5	0	1	0	2	0	0	1	0	2	2	2	1	1
21	1	0	0	0	0	2	1	2	2	1	0	2	1	2
22	1	2	2	2	2	3	1	2	3	4	2	2	2	2
23	1	0	2	2	1	6	0	3	2	4	2	2	2	2
24	1	0	0	3	2	0	3	2	0	3	0	1	1	1
25	0	2	1	4	2	2	0	0	2	0	4	2	2	2
26	1	1	0	0	2	2	3	0	2	1	2	2	1	1
27	2	2	0	3	2	2	2	3	3	3	2	0	2	2
28	2	0	2	3	3	0	0	3	3	2	0	2	2	2
29	2	1	3	4	2	3	0	3	2	2	2	0	2	2
30	2	0	0	0	0	1	2	2	1	2	2	2	1	1
MEAN	2	1	2	3	3	2	1	2	2	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	0	4	2	2	4	2	5	0	1	2	2
2	1	0	0	1	0	3	2	0	2	2	2	1	1	1
3	2	0	0	2	0	0	2	2	2	3	1	0	1	1
4	1	0	1	1	1	1	3	1	0	2	1	0	2	2
5	2	0	0	3	3	2	2	1	2	1	0	2	2	2
6	2	3	2	0	5	1	2	2	2	3	0	2	3	3
7	0	2	2	3	2	3	2	2	0	2	3	5	1	1
8	3	2	2	1	0	1	0	2	0	0	2	0	1	1
9	3	0	0	0	0	0	0	3	0	0	2	0	2	2
10	1	1	0	4	4	0	2	2	3	2	2	0	2	2
11	1	3	3	1	2	****	0	3	0	0	0	0	1	1
12	0	0	0	0	0	2	0	2	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	0	0	2	0	0	0
14	0	0	0	0	3	0	0	0	0	0	0	0	0	0
15	0	2	0	0	0	1	0	0	0	1	0	0	0	0
16	0	0	2	0	0	0	0	2	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	2	2	0	0	0	0	0	0	0	0	0	0
19	2	2	0	0	2	0	0	0	0	0	0	0	1	1
20	0	2	0	0	0	0	0	0	0	0	2	0	0	0
21	0	0	0	0	0	0	0	0	2	0	0	0	0	0
22	0	0	0	0	0	0	1	0	0	0	0	0	0	0
23	0	0	0	2	0	0	0	2	0	0	0	3	1	1
24	0	0	1	0	0	0	3	0	0	0	1	0	0	0
25	0	0	0	0	0	0	0	0	2	0	0	0	1	1
26	2	0	0	2	0	0	0	2	0	0	0	1	1	1
27	0	2	0	0	1	0	0	0	0	3	0	0	0	0
28	0	0	0	2	0	0	0	0	0	1	1	0	0	0
29	0	0	0	5	0	2	0	0	2	0	0	3	1	1
30	0	2	0	0	0	0	0	0	2	0	0	0	1	1
31	0	0	3	0	0	0	0	0	3	0	0	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	0.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15003 362 DUNDAS ST LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	6	13
FEB	23	3.0	5	19
MAR	31	1.9	4	12
APR	30	1.7	3	11
MAY	30	2.2	6	26
JUN	30	1.8	4	9
JUL	28	1.5	3	11
AUG	31	2.6	5	16
SEP	14	2.0	4	25
OCT	5	3.1	4	9
NOV	29	2.0	9	26
DEC	31	0.8	3	6
YEAR	313	2.0	9	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15003 362 DUNDAS ST LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	291	72	8	0	0	0	0	371
FEB	211	66	11	1	0	0	0	289
MAR	331	37	1	0	0	0	0	369
APR	324	35	1	0	0	0	0	360
MAY	298	59	7	0	1	0	0	365
JUN	308	52	0	0	0	0	0	360
JUL	309	29	1	0	0	0	0	339
AUG	294	71	2	1	0	0	0	368
SEP	168	13	0	0	1	0	0	182
OCT	46	10	0	0	0	0	0	56
NOV	322	28	3	0	1	0	0	354
DEC	365	6	0	0	0	0	0	371
YEAR	3267	478	34	2	3	0	0	3784

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.4	0	0.0	0.0	1.2	2.1	4.6	6.2	8.3	10.1	26	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	0	2	0	3	2	0	0	2	1	1
2	3	0	0	2	0	0	0	3	0	0	2	0	1	1
3	0	1	3	0	1	2	0	***	1	2	0	0	1	1
4	3	1	4	4	2	4	6	2	4	4	0	5	3	3
5	2	4	5	4	8	5	3	8	4	4	5	2	5	5
6	5	3	2	3	0	4	2	2	3	3	3	2	3	3
7	2	5	2	3	2	0	4	4	2	5	2	8	3	3
8	5	5	4	3	1	2	0	2	3	2	2	2	3	3
9	2	2	0	0	2	0	0	1	2	1	0	2	1	1
10	0	2	1	1	0	2	0	2	2	0	1	1	1	1
11	0	2	2	2	0	3	***	0	2	2	0	2	1	1
12	4	0	2	2	2	2	2	3	0	2	4	3	2	2
13	2	2	2	2	7	7	5	7	5	2	2	0	4	4
14	3	0	3	2	3	0	0	0	2	0	0	0	1	1
15	2	3	0	0	2	0	0	2	0	5	0	2	1	1
16	0	0	0	2	3	5	0	4	3	0	3	4	2	2
17	7	3	0	5	3	0	5	***	2	2	2	1	3	3
18	5	0	2	0	5	2	2	4	2	2	8	4	3	3
19	3	5	3	5	8	9	6	0	2	6	1	1	4	4
20	0	2	2	0	2	3	2	2	1	2	5	0	2	2
21	0	1	1	2	2	0	2	2	1	1	2	2	1	1
22	1	1	4	0	3	1	3	1	1	1	1	1	1	1
23	1	2	4	2	1	5	1	2	1	5	4	3	3	3
24	6	5	5	5	10	6	4	6	5	6	3	6	5	5
25	4	4	5	6	8	6	6	6	6	6	2	2	5	5
26	2	2	3	2	2	2	3	2	2	2	2	2	2	2
27	3	1	0	1	0	1	1	2	0	3	0	2	1	1
28	2	2	0	2	3	2	2	4	1	3	0	2	2	2
29	0	2	2	2	2	0	2	2	0	0	2	0	1	1
30	2	0	2	0	2	3	2	0	0	0	0	5	1	1
31	2	4	0	5	3	4	5	6	3	3	2	2	3	3
MEAN	2	2	2	2	3	3	2	3	2	2	2	2	2.3	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	2	4	2	2	2	7	2	2	0	3	3	3
2	3	2	4	3	3	5	3	6	2	3	3	2	3	3
3	2	2	3	2	5	3	4	2	3	2	3	2	3	3
4	5	2	3	3	3	3	2	2	3	3	4	7	3	3
5	3	5	2	3	7	4	2	1	3	2	0	0	3	3
6	3	2	0	2	2	0	3	0	3	2	2	3	2	2
7	0	2	0	4	3	0	3	2	3	2	3	3	2	2
8	2	5	5	3	5	4	1	0	2	7	3	5	4	4
9	3	6	2	6	5	7	4	4	1	2	4	2	4	1
10	0	3	0	0	2	3	0	0	1	3	3	2	1	1
11	2	2	0	1	3	3	0	0	2	2	0	0	1	1
12	2	2	0	2	2	1	2	0	0	0	2	0	1	1
13	3	0	2	0	0	3	3	2	2	0	2	2	2	2
14	2	5	2	3	***	0	0	2	7	2	0	3	2	2
15	7	2	5	5	7	3	6	0	5	5	4	3	4	4
16	3	3	3	12	3	3	2	3	7	3	3	5	4	4
17	0	3	2	2	5	0	0	0	0	4	3	2	2	2
18	3	5	2	3	2	3	3	5	5	3	3	0	3	3
19	4	5	0	2	2	0	3	0	0	3	5	2	2	2
20	3	5	0	5	3	9	0	0	3	0	7	3	3	3
21	4	3	3	6	5	3	3	2	3	3	7	0	4	4
22	3	3	3	0	2	0	3	0	3	1	4	0	2	2
23	2	2	4	7	5	3	2	0	9	5	3	0	4	4
24	5	3	7	1	3	2	3	4	3	3	2	3	3	3
25	2	2	5	0	3	2	3	1	0	2	2	3	2	2
26	2	2	3	2	0	2	2	2	0	3	0	2	2	2
27	0	1	3	2	2	2	***	2	0	3	0	2	2	2
28	2	5	4	2	7	0	2	2	0	3	3	7	3	3
MEAN	3	3	2	3	3	3	2	2	3	3	3	2	2.6	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	5	9	9	3	0	2	0	3	0	2	2	3	
2	2	2	2	5	0	2	0	2	0	12	5	5	3	
3	9	0	5	5	3	5	3	2	3	3	0	5	4	
4	3	0	2	0	2	2	2	0	0	5	0	3	2	
5	2	3	0	2	0	0	3	2	2	2	3	3	2	
6	2	1	2	3	7	****	****	****	****	****	****	****	****	
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12							- DATA INVALID -							
13	****	****	****	****	****	****	-	****					****	
14	4	9	5	0	2	5	7	2	5	0	5	3	4	
15	0	3	2	0	5	2	0	0	2	5	0	2	1	
16	0	0	5	3	2	5	0	0	2	0	0	0	2	
17	2	3	2	2	2	0	****	2	2	5	1	0	2	
18	2	3	0	3	3	2	3	2	3	0	5	0	2	
19	2	2	2	0	3	0	0	5	2	0	3	0	2	
20	0	2	0	2	3	0	****	4	2	2	5	0	2	
21	2	3	4	3	3	3	3	0	5	2	5	****	3	
22	3	3	0	0	0	****	0	2	3	4	3	0	2	
23	5	2	4	2	2	2	3	0	4	0	0	0	2	
24	3	0	2	2	0	2	0	3	0	2	0	0	1	
25	0	4	5	2	3	2	0	2	0	5	2	3	2	
26	2	1	4	0	2	3	0	3	3	0	0	2	2	
27	4	2	0	2	2	2	3	2	2	3	0	3	2	
28	5	0	0	0	3	****	-	-	-	-	-	-	****	
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	3	2	3	2	2	2	2	2	2	3	2	2	2.2	

PERCENTAGE OF DATA VALID - 64.0

PERCENTAGE OF DATA INVALID - 24.5

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4	-	-	-	-	-	-	3		5	2	9	2	****	
5	2	0	0	0	0	0	5	5	0	0	5	3	2	
6	3	2	2	3	2	3	1	7	6	8	5	2	4	
7	7	5	0	2	2	3	2	0	2	0	3	0	2	
8	0	4	0	0	2	4	0	0	3	0	2	2	1	
9	3	0	0	1	5	2	0	2	2	0	7	2	2	
10	2	0	0	2	0	4	3	4	1	6	3	2	2	
11	0	0	11	1	18	5	3	1	0	3	0	2	4	
12	3	2	0	3	0	3	0	3	0	2	2	0	2	
13	0	2	3	3	0	0	5	5	0	2	3	2	2	
14	0	0	2	2	0	2	0	1	0	0	2	2	1	
15	0	3	3	0	3	0	2	2	0	2	2	2	2	
16	2	2	3	0	0	0	2	0	0	0	0	5	1	
17	0	3	2	2	****	3	0	3	3	2	2	9	3	
18	3	2	2	3	4	0	2	3	5	2	2	2	3	
19	5	5	3	2	5	3	2	0	3	0	5	2	3	
20	3	3	0	0	3	2	0	6	0	2	1	3	2	
21	0	0	3	0	2	****	0	2	0	3	0	4	1	
22	2	0	3	0	0	2	6	0	2	0	0	5	2	
23	2	7	2	0	2	0	0	0	2	0	2	0	1	
24	11	4	3	3	0	0	0	0	2	0	0	3	2	
25	2	5	0	3	0	5	0	2	3	5	3	6	3	
26	6	3	6	2	2	0	2	2	0	2	5	0	3	
27	2	2	0	0	0	0	2	1	2	2	2	0	1	
28	2	2	2	0	5	2	2	0	2	0	0	3	2	
29	5	0	1	5	2	2	0	2	0	0	0	0	1	
30	0	2	3	0	0	2	0	0	2	3	2	0	1	
MEAN	3	2	2	1	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 87.5

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 11.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD												MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	0	1	0	0	1	2	6	3	0	2
2	0	0	0	1	0	0	0	0	0	0	1	2	0
3	0	0	3	3	2	1	0	0	0	2	0	0	2
4	0	3	5	2	0	0	0	3	0	0	0	0	1
5	3	2	2	2	1	2	2	9	6	3	3	0	2
6	0	5	2	7	2	0	0	0	4	2	3	6	2
7	2	2	5	0	3	0	2	0	0	2	2	3	2
8	2	3	0	2	0	6	2	0	0	2	0	2	2
9	2	5	0	3	3	0	3	2	3	0	0	5	2
10	0	0	2	2	5	2	3	0	3	0	5	5	2
11	0	3	3	0	3	0	0	3	1	2	2	3	2
12	2	2	0	6	2	5	3	4	2	5	0	3	3
13	4	7	2	3	3	0	0	2	0	3	3	2	2
14	0	2	1	2	5	0	1	0	5	3	3	2	2
15	2	3	7	0	3	5	3	5	0	3	-	-	3
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26						0	2	2	3	1	2	6	*****
27	2	5	3	7	3	5	0	2	2	3	9	15	5
28	11	6	7	4	0	0	2	0	0	0	3	3	3
29	3	3	5	3	0	0	2	0	0	2	3	2	2
30	5	5	6	5	2	3	2	0	2	2	0	5	3
31	0	2	3	0	3	0	2	0	2	0	1	2	1
MEAN	2	3	3	3	2	1	1	2	2	2	2	4	2.2

PERCENTAGE OF DATA VALID - 65.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 34.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD												MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2	0	0	3	2	0	0	1	3	0	0	2	2	1
3	0	0	0	3	0	0	0	0	0	3	2	3	1
4	0	3	0	2	0	0	3	0	2	1	3	0	1
5	0	2	0	2	0	3	0	1	2	2	0	2	1
6	2	2	3	2	0	3	2	2	2	0	3	2	2
7	2	2	2	6	6	2	2	0	1	2	4	2	1
8	2	2	0	0	2	2	2	0	2	0	1	3	1
9	0	0	2	0	0	0	2	0	2	2	0	1	1
10	0	0	3	0	0	2	0	1	0	1	3	1	
11	0	0	0	2	2	2	0	2	0	0	0	0	1
12	2	0	3	1	2	2	2	2	2	0	2	0	1
13	2	0	2	0	0	0	0	0	1	0	2	0	1
14	0	0	2	2	0	0	1	3	0	0	0	0	1
15	2	2	3	0	2	2	2	0	2	3	3	2	2
16	2	2	1	2	2	2	2	3	1	3	2	0	2
17	2	2	0	2	0	2	2	0	0	1	0	2	1
18	2	4	0	2	0	2	2	0	0	0	2	3	1
19	0	2	0	2	3	0	0	2	0	0	2	0	1
20	2	3	2	4	2	0	0	2	2	2	2	0	2
21	0	2	4	5	4	2	2	2	2	2	1	2	2
22	2	0	0	2	2	0	0	2	2	1	2	0	1
23	1	1	0	0	0	2	1	0	0	2	0	1	1
24	0	2	0	0	0	0	0	2	2	0	3	2	2
25	3	2	2	1	0	0	2	0	0	2	0	2	1
26	2	2	0	2	0	2	2	0	0	2	1	0	1
27	0	2	0	2	3	0	0	1	0	0	2	2	0
28	0	0	0	0	0	0	0	0	1	1	1	3	1
29	0	2	3	2	3	2	3	0	1	0	2	0	1
30	0	2	2	0	3	2	3	0	1	0	2	0	
MEAN	1	1	1	2	1	1	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 21006 POST OFFICE BRANTFORD							MONTH - JUL 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	0	0	2	0	2	1	1	1	2	
2	4	2	2	1	2	1	2	0	1	0	0	2	
3	0	2	1	0	2	0	2	2	2	2	2	0	
4	2	1	0	2	2	1	0	1	1	1	0	1	
5	0	0	3	5	3	2	0	0	0	2	2	2	
6	2	1	1	2	0	2	2	3	1	2	2	2	
7	3	1	4	4	3	3	2	2	0	1	2	2	
8	2	2	2	1	0	2	0	0	0	2	0	1	
9	0	0	2	2	0	0	0	0	1	0	1	2	
10	2	0	0	2	0	----	-	-	-	-	-	-	-----
11	- DATA UNAVAILABLE -												
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	-	-	-	-	-	0	2	0	2	0	0	0	-----
15	2	1	2	0	0	0	1	4	0	2	4	0	
16	0	2	0	2	0	2	0	0	0	0	0	0	
17	1	0	0	2	0	2	0	2	0	0	0	2	
18	0	2	0	2	5	1	2	0	3	2	0	3	
19	0	0	2	2	0	3	0	0	2	2	1	0	
20	2	3	0	2	4	2	2	2	3	0	2	2	
21	2	3	2	0	2	2	1	3	2	0	0	0	
22	2	0	2	2	0	2	0	2	0	2	0	2	
23	0	2	0	0	0	0	2	0	1	0	1	0	
24	0	0	0	2	3	----	0	2	2	3	2	3	
25	0	0	3	0	0	2	2	0	0	0	2	2	
26	2	2	0	2	0	2	3	3	2	2	9	2	
27	2	2	2	0	2	2	2	3	2	0	0	0	
28	0	0	0	2	2	2	2	0	0	2	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	2	
30	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	2	0	0	0	0	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 86.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 12.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD														MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	3	0	2	2	***	2	0	2	2	3	2		
2	5	0	2	5	2	0	0	2	0	2	3	0	2		
3	0	0	2	0	0	0	0	0	0	2	2	0	1		
4	0	0	0	0	0	2	0	2	0	0	0	2	1		
5	3	0	4	2	3	3	0	0	2	0	0	3	2		
6	3	2	2	2	3	0	0	0	0	0	2	1	1		
7	0	0	0	0	0	0	0	3	1	2	3	3	1		
8	3	2	2	1	0	***	0	0	0	2	0	0	1		
9	1	2	1	0	5	0	0	1	1	2	0	0	1		
10	0	0	0	0	0	3	0	1	0	2	3	2	1		
11	0	0	2	2	2	3	0	0	0	2	5	2	2		
12	3	4	4	5	0	2	3	0	2	2	3	3	3		
13	1	0	0	3	0	0	2	0	2	3	1	2	1		
14	2	4	2	2	2	0	***	2	0	0	2	3	2		
15	0	2	2	4	2	1	2	3	2	2	2	0	2		
16	2	0	2	0	0	0	1	3	0	2	0	0	1		
17	0	2	0	0	0	0	0	0	0	2	0	0	0		
18	3	0	2	2	3	2	2	1	2	2	2	0	2		
19	0	2	2	2	0	0	0	3	0	2	0	0	1		
20	0	0	2	0	0	0	0	0	0	0	0	0	0		
21	0	0	1	3	1	0	0	2	0	0	0	2	1		
22	2	4	0	3	0	0	2	0	2	0	4	0	1		
23	4	3	3	3	3	3	0	3	3	0	0	0	2		
24	2	3	0	5	***	0	3	4	2	5	3	2	3		
25	0	3	0	2	3	3	3	0	1	2	4	3	2		
26	0	0	1	2	0	3	0	0	3	2	0	2	1		
27	2	2	2	0	2	0	0	3	0	0	2	0	1		
28	0	2	3	2	0	3	0	3	0	0	0	2	1		
29	0	0	0	2	0	2	0	2	2	3	5	2	2		
30	0	3	2	5	0	0	2	0	0	0	0	5	1		
31	3	0	2	0	5	0	2	0	0	0	3	0	1		
MEAN	1	1	2	2	1	1	1	1	1	1	2	1	1.3		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH - SEP 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	3	2	0	2	0	0	0	3	2
2	3	0	0	0	0	3	0	2	2	2	3	5	2
3	0	4	0	0	0	2	0	0	0	0	0	1	1
4	0	0	0	0	0	1	0	0	0	0	0	0	0
5	3	0	0	3	0	0	0	0	1	3	0	2	1
6	3	1	4	3	2	3	2	4	4	0	5	0	3
7	3	1	2	4	3	0	0	0	2	2	0	2	2
8	1	0	0	0	4	4	2	3	1	0	0	3	2
9	2	0	2	0	2	0	4	3	2	0	3	0	2
10	0	4	0	0	1	2	2	2	0	3	2	0	1
11	2	2	3	5	4	0	0	8	0	0	2	0	2
12	2	4	0	0	2	2	0	2	3	2	2	2	2
13	0	2	0	2	0	0	2	2	2	2	0	0	1
14	4	2	0	2	2	3	0	2	2	3	0	0	2
15	4	0	2	***	***	0	0	0	2	0	0	2	1
16	0	0	0	0	0	0	0	0	1	0	0	3	0
17	0	0	3	0	2	0	2	0	0	2	0	0	1
18	0	2	4	0	0	2	2	2	2	0	0	3	1
19	0	0	3	1	2	0	3	3	3	0	5	2	2
20	2	4	3	3	9	3	3	2	0	2	0	3	3
21	2	2	3	3	2	3	0	0	2	0	3	0	2
22	0	2	0	0	0	0	2	0	2	0	3	0	1
23	2	3	2	3	3	0	0	0	0	2	2	2	2
24	2	5	0	2	0	0	2	3	2	2	3	0	2
25	2	2	2	0	2	2	0	0	2	0	2	2	1
26	0	2	0	5	0	0	4	0	2	1	2	0	1
27	3	2	2	2	3	3	0	0	0	3	0	2	2
28	0	3	2	0	0	0	2	0	2	2	0	5	1
29	2	2	2	2	2	1	2	0	0	2	2	2	2
30	0	0	7	2	5	0	5	0	0	2	0	0	2
MEAN	2	2	2	2	2	1	1	1	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH - OCT 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	0	3	0	2	0	0	2	0	3	0	1
2	0	0	3	0	3	0	2	0	2	2	3	0	2
3	5	0	4	7	3	0	2	2	3	5	2	3	3
4	2	0	2	3	2	0	2	2	2	0	0	2	2
5	0	7	0	2	2	0	3	0	2	0	2	2	2
6	2	2	2	0	***	2	0	0	2	0	2	2	1
7	3	0	0	2	0	2	0	1	0	2	0	3	1
8	0	0	0	0	0	2	0	2	0	2	0	0	2
9	3	0	4	3	0	2	0	2	0	3	0	2	3
10	3	2	2	3	0	3	0	5	1	3	2	7	3
11	5	7	5	9	2	3	3	1	3	5	2	1	4
12	2	0	2	2	3	0	2	3	2	0	0	1	1
13	1	1	2	2	3	0	0	0	3	0	0	3	1
14	2	0	0	2	4	0	2	0	0	2	2	0	1
15	3	0	1	0	0	1	2	0	0	0	4	1	1
16	2	2	2	2	2	1	5	0	1	5	1	2	2
17	2	3	7	5	3	0	3	2	0	3	3	2	3
18	2	2	2	5	1	4	2	3	3	3	0	3	3
19	5	2	5	4	5	0	2	2	3	2	3	0	3
20	0	0	3	5	0	3	4	0	4	1	2	3	2
21	5	1	7	2	0	3	3	3	0	4	2	4	3
22	5	0	2	4	0	3	0	3	4	4	2	1	2
23	5	2	0	3	3	0	0	3	2	0	2	1	2
24	0	3	3	3	2	3	2	3	0	3	4	2	2
25	0	0	3	3	2	3	3	2	3	2	1	2	2
26	1	2	2	2	4	0	6	1	0	2	4	2	2
27	0	0	0	4	2	1	0	1	0	5	2	0	1
28	2	2	3	4	4	0	2	0	0	2	1	2	2
29	2	0	2	2	2	3	2	1	1	5	3	2	2
30	2	2	4	1	2	7	2	2	2	1	2	2	2
31	2	2	4	6	5	4	4	2	2	2	0	2	3
MEAN	2	1	2	3	2	2	2	1	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	2	4	1	4	0	6	2	2	0	4	3	
2	3	2	0	2	2	5	0	2	5	5	4	9	3	
3	2	5	6	5	10	4	2	2	4	6	2	4	4	
4	3	3	3	1	6	4	4	5	2	8	8	5	4	
5	4	6	4	5	3	3	2	1	2	2	2	3	3	
6	4	1	6	1	3	1	5	3	0	2	3	0	2	
7	0	2	0	6	1	0	0	0	2	2	1	0	2	
8	2	3	2	4	6	4	0	0	3	2	3	2	2	
9	5	10	5	8	2	8	3	6	4	7	4	5	6	
10	6	10	5	8	2	8	3	6	4	7	4	5	6	
11	6	4	5	3	1	4	3	6	0	2	0	2	3	
12	0	2	0	0	2	0	0	0	1	0	0	2	1	
13	0	2	2	0	2	3	6	3	3	3	3	3	3	
14	5	0	3	0	3	1	2	0	1	0	2	3	2	
15	0	0	1	2	0	2	0	2	1	3	3	6	2	
16	6	5	3	3	3	2	0	4	1	2	3	0	3	
17	1	2	2	0	4	3	0	2	2	0	2	1	2	
18	2	0	2	2	2	2	1	0	0	2	1	2	1	
19	1	2	0	3	2	3	0	2	1	0	0	3	1	
20	2	2	0	0	0	0	0	-	-	-	-	-	*****	
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
MEAN	3	3	2	3	3	3	1	2	2	3	2	3	2.5	

PERCENTAGE OF DATA VALID - 65.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 34.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	- DATA UNAVAILABLE -													
2	- DATA UNAVAILABLE -													
3	- DATA UNAVAILABLE -													
4	- DATA UNAVAILABLE -													
5	- DATA UNAVAILABLE -													
6	- DATA UNAVAILABLE -													
7	- DATA UNAVAILABLE -													
8	- DATA UNAVAILABLE -													
9	- DATA UNAVAILABLE -													
10	- DATA UNAVAILABLE -													
11	- DATA UNAVAILABLE -													
12	- DATA UNAVAILABLE -													
13	- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	0	3	2	1	0	0	*****	
15	2	0	0	2	1	2	2	3	2	0	0	0	1	
16	3	3	2	2	3	0	4	3	3	1	2	4	3	
17	1	2	0	0	0	2	2	1	0	0	2	1	1	
18	0	2	0	0	5	0	2	2	0	2	2	2	1	
19	2	1	0	0	3	0	0	1	2	2	0	2	1	
20	4	2	3	0	2	2	4	4	3	3	5	2	3	
21	2	2	1	0	3	2	4	2	0	0	2	0	2	
22	0	2	2	3	2	3	3	1	3	3	0	2	2	
23	0	3	1	0	0	2	1	1	2	2	6	5	2	
24	2	2	2	3	0	2	1	4	4	2	3	0	2	
25	5	3	1	2	0	2	3	1	***	0	0	3	2	
26	1	1	1	1	1	2	0	2	0	1	2	0	1	
27	0	2	0	2	2	2	2	2	2	2	3	0	2	
28	2	0	2	4	4	2	1	1	2	4	5	3	3	
29	2	3	3	1	2	4	3	1	2	2	1	2	2	
30	5	3	3	1	6	2	4	3	2	2	4	3	3	
31	3	5	2	2	5	5	3	2	4	0	2	2	3	
MEAN	2	2	1	1	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 56.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 43.5

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	5	10
FEB	28	2.6	4	12
MAR	19	2.2	4	12
APR	26	2.0	4	18
MAY	20	2.2	5	15
JUN	29	1.3	3	6
JUL	26	1.1	2	9
AUG	31	1.3	3	5
SEP	30	1.5	3	9
OCT	31	2.0	4	9
NOV	19	2.5	6	10
DEC	17	1.9	3	6
YEAR	307	1.9	6	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	311	58	0	0	0	0	0	369
FEB	282	51	1	0	0	0	0	334
MAR	204	33	1	0	0	0	0	238
APR	274	38	2	1	0	0	0	315
MAY	207	36	2	0	0	0	0	245
JUN	344	3	0	0	0	0	0	347
JUL	320	3	0	0	0	0	0	323
AUG	357	11	0	0	0	0	0	368
SEP	344	14	0	0	0	0	0	358
OCT	338	32	0	0	0	0	0	371
NOV	196	39	0	0	0	0	0	235
DEC	198	11	0	0	0	0	0	209
YEAR	3376	329	6	1	0	0	0	3712

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.7	0	0.0	0.0	1.3	2.0	3.8	4.7	6.1	7.1	18	1.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	1	2	0	5	0	0	0	2	0	3	1	
2	2	0	2	2	1	0	2	0	2	0	3	0	1	
3	2	2	1	2	0	2	2	2	0	0	0	0	1	
4	0	2	2	3	3	2	7	0	4	0	0	2	2	
5	2	5	2	3	2	2	4	4	1	3	1	5	3	
6	1	3	2	3	0	2	6	0	2	2	2	0	2	
7	2	2	0	1	0	6	0	3	0	4	2	5	2	
8	2	2	2	0	0	0	2	2	2	4	0	3	2	
9	0	1	0	0	0	4	0	0	0	0	2	0	1	
10	0	4	0	0	0	2	0	3	0	3	2	0	1	
11	2	1	3	0	3	0	2	5	1	2	2	2	2	
12	2	0	2	0	2	0	3	1	0	2	2	3	1	
13	1	5	0	3	3	4	2	3	3	2	2	0	2	
14	0	2	0	1	0	0	2	0	3	0	0	2	1	
15	2	0	0	0	2	2	0	0	0	0	0	0	1	
16	2	0	2	3	0	0	2	0	0	3	0	2	1	
17	1	0	2	1	3	0	2	0	0	0	0	2	1	
18	0	2	3	0	2	0	2	0	3	0	0	0	1	
19	5	2	0	2	3	1	3	2	-	-	-	-	2	
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	1	2	1	1	1	2	2	1	1	2	1	2	1.5	

PERCENTAGE OF DATA VALID - 60.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 39.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11	-	-	-	-	-	-	****	0	3	0	1	0	*****	
12	0	0	2	2	0	0	2	0	0	2	2	0	1	
13	2	0	0	0	1	0	0	2	0	2	2	1	1	
14	0	2	3	0	2	2	0	0	1	2	0	0	1	
15	1	2	0	1	1	0	1	0	2	0	2	2	1	
16	0	1	2	1	0	3	2	0	2	1	0	2	1	
17	0	1	2	2	0	0	2	2	0	0	1	1	1	
18	0	0	3	0	0	2	2	2	2	0	3	0	1	
19	2	0	0	1	2	0	0	1	3	0	1	0	1	
20	2	0	3	1	1	0	1	0	1	0	0	0	1	
21	2	1	0	2	2	2	1	0	0	2	2	2	1	
22	0	2	0	0	2	1	0	0	1	2	0	9	1	
23	7	4	1	0	0	0	2	0	0	0	3	0	2	
24	0	2	0	0	1	0	0	0	2	0	0	3	1	
25	0	0	1	0	1	2	2	2	0	0	1	0	1	
26	0	3	0	0	2	1	0	0	2	0	0	2	1	
27	0	0	0	1	0	0	0	1	1	2	3	1	1	
28	0	0	0	2	3	3	2	0	2	0	2	2	1	
29	1	0	0	2	0	0	0	2	0	1	0	3	1	
30	2	2	2	0	0	0	2	0	1	3	2	2	1	
31	0	1	0	2	4	0	0	2	2	0	1	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 65.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 33.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE													MONTH - AUG 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	2	1	1	1	2	0	0	0	1
2	2	2	0	2	0	0	2	3	2	0	0	2	1
3	0	2	2	0	0	2	0	0	3	0	0	0	1
4	2	0	1	0	2	0	0	2	2	1	2	0	1
5	0	3	1	0	2	1	0	0	5	0	0	1	1
6	3	5	2	2	2	2	0	2	0	0	0	2	2
7	0	1	1	1	2	2	5	0	0	3	0	0	1
8	0	0	2	2	1	0	0	1	2	0	2	1	1
9	1	3	2	0	2	0	2	0	0	0	2	0	1
10	1	0	0	0	4	0	0	0	0	0	0	0	1
11	2	2	2	0	0	3	0	0	0	3	0	0	1
12	0	3	2	0	0	0	2	1	4	0	6	0	2
13	0	0	3	2	0	0	0	2	0	0	0	0	1
14	0	3	2	2	2	2	0	0	1	1	0	0	1
15	0	0	0	0	5	0	0	3	0	0	0	0	1
16	2	0	3	0	2	0	2	0	0	0	0	0	1
17	0	0	0	2	0	2	0	2	0	0	3	2	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	0	0	0	0	3	0	0	0	0	0	1
20	0	2	2	0	0	0	0	0	2	0	0	0	1
21	0	0	0	0	0	0	0	0	0	2	0	1	0
22	0	1	0	2	0	0	1	0	0	2	1	0	1
23	0	2	0	0	0	0	0	1	0	3	0	0	1
24	0	0	3	0	0	0	0	0	0	0	2	0	1
25	0	0	0	2	0	0	0	0	0	2	0	3	1
26	0	0	0	2	0	2	2	0	0	0	2	0	1
27	0	0	0	0	0	0	0	4	0	2	0	0	1
28	0	2	0	0	0	***	3	0	0	2	0	0	1
29	0	2	0	3	0	0	0	0	0	3	0	2	1
30	0	0	2	0	0	0	0	0	0	0	0	0	1
31	0	3	0	3	0	0	1	0	0	0	0	0	1
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	0	2	0	2	0	0	2	1
2	0	0	0	0	0	0	0	0	0	2	0	2	0
3	3	3	0	0	0	0	2	0	2	0	0	0	1
4	0	0	0	0	0	2	2	0	0	0	2	2	0
5	0	2	0	0	0	0	0	0	0	0	0	0	1
6	2	2	0	0	0	0	2	0	3	0	0	0	1
7	2	3	0	2	0	0	0	3	0	0	0	0	1
8	0	0	0	0	2	0	2	0	0	0	0	2	1
9	0	0	2	2	0	0	0	2	3	0	0	0	1
10	0	0	2	0	2	0	0	0	0	1	0	0	1
11	0	0	0	2	0	3	0	0	3	0	5	0	1
12	3	0	3	0	2	0	0	0	0	0	2	0	1
13	0	0	3	0	0	2	0	2	0	0	0	3	1
14	3	0	3	0	2	0	2	0	0	0	3	0	1
15	3	0	2	0	2	0	0	0	0	0	2	0	1
16	2	0	3	0	0	4	0	0	0	0	2	2	1
17	0	2	0	2	0	2	3	0	1	0	0	0	1
18	3	0	2	0	3	0	3	0	0	0	0	2	1
19	2	0	2	0	0	0	3	0	2	0	0	0	1
20	0	2	0	0	2	0	0	2	2	0	0	0	1
21	2	0	0	0	0	***	5	3	0	3	0	2	1
22	2	0	9	0	0	0	2	0	3	0	1	0	1
23	0	0	0	1	0	0	3	0	0	0	2	0	0
24	3	0	0	2	2	0	2	0	0	3	2	0	1
25	0	0	1	3	0	0	3	0	0	0	2	2	1
26	0	1	0	3	0	0	0	0	0	0	2	0	1
27	2	1	0	3	0	0	3	2	2	0	0	0	1
28	2	2	0	1	0	2	0	0	0	0	0	0	0
29	0	0	0	0	0	2	0	0	2	0	2	2	1
30	2	1	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	0	1	0	1	1	0.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	0	1	0	0	0	3	0	0	1	
2	2	0	2	0	0	****	0	3	1	0	0	4	1	
3	0	0	0	0	2	1	0	0	0	1	1	2	1	
4	0	1	1	0	0	4	0	0	0	1	0	0	1	
5	0	0	0	0	0	2	0	0	0	0	0	0	1	
6	0	0	3	0	0	0	0	0	0	2	0	2	1	
7	0	0	0	0	0	2	0	0	0	0	0	0	0	
8	0	1	0	0	0	0	2	0	0	2	0	2	1	
9	0	1	0	2	0	3	0	0	0	0	0	0	0	
10	0	1	0	1	0	2	3	2	1	4	2	2	1	
11	3	2	5	3	0	2	2	2	2	0	0	0	2	
12	0	2	2	0	1	1	2	3	3	2	0	0	2	
13	0	0	0	0	0	0	0	0	2	2	0	0	0	
14	0	0	1	1	0	0	1	0	3	0	0	0	1	
15	0	1	0	2	2	0	0	1	0	0	0	2	1	
16	2	1	0	2	0	2	0	0	0	3	0	1	1	
17	0	0	1	0	0	0	2	2	0	2	0	0	1	
18	0	1	0	2	0	1	2	0	0	0	7	0	1	
19	3	2	3	3	2	0	2	2	0	4	0	2	2	
20	1	2	0	2	2	3	0	2	0	3	0	0	1	
21	3	1	0	2	0	2	4	1	1	0	3	5	2	
22	2	3	2	1	0	2	3	4	2	0	2	3	2	
23	3	0	2	2	2	0	2	0	0	0	0	0	1	
24	0	0	0	0	0	0	0	0	0	0	1	0	0	
25	0	2	2	0	3	2	3	2	0	0	3	2	2	
26	3	0	2	2	2	0	1	0	0	0	0	2	1	
27	2	0	0	2	0	3	0	0	2	0	0	0	1	
28	0	1	2	0	2	2	0	0	3	2	0	0	1	
29	0	0	0	1	2	0	1	1	2	0	2	1	1	
30	0	2	0	0	2	0	0	0	0	3	0	3	1	
31	1	2	1	0	6	6	0	2	1	0	1	2	2	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	1	2	1	0	2	0	0	0	1	0	1	
2	0	0	0	4	0	2	0	3	3	0	5	3	2	
3	1	0	2	2	0	3	1	5	8	7	5	1	3	
4	3	3	2	2	7	3	9	3	7	6	3	4	4	
5	2	2	2	7	6	0	5	3	3	2	2	0	3	
6	2	4	2	3	3	0	0	1	1	0	0	2	2	
7	0	1	1	0	0	1	1	2	3	1	0	0	1	
8	0	0	3	1	3	0	1	1	2	0	0	2	1	
9	2	2	0	2	0	4	2	1	1	4	0	3	2	
10	1	2	1	4	2	2	2	4	1	2	1	3	2	
11	2	3	4	3	5	3	1	1	4	2	1	2	3	
12	0	2	0	0	0	1	1	2	0	1	0	0	1	
13	1	2	2	1	0	2	2	2	2	1	1	0	1	
14	1	1	2	0	0	0	1	2	0	0	0	1	1	
15	0	0	0	2	2	0	0	3	0	0	0	2	1	
16	0	2	2	0	2	0	0	2	1	0	0	2	1	
17	5	5	2	0	2	3	2	1	0	2	0	2	1	
18	0	2	0	1	2	0	1	2	0	2	2	2	2	
19	2	2	0	0	1	0	2	0	2	0	3	0	1	
20	2	3	1	1	0	2	0	3	2	0	0	1	1	
21	0	3	3	0	2	0	1	3	1	0	1	0	1	
22	3	0	5	0	2	2	1	3	2	2	2	2	2	
23	6	2	2	3	2	3	2	0	2	2	0	1	2	
24	2	2	2	0	1	0	3	2	0	2	0	2	1	
25	1	0	1	1	0	0	3	0	0	6	0	1	1	
26	2	0	3	2	0	0	2	0	2	2	0	0	1	
27	0	1	0	4	2	0	0	2	0	5	2	4	2	
28	3	2	5	3	2	1	1	0	0	4	1	1	2	
29	2	2	0	3	0	2	0	3	2	4	0	2	2	
30	5	2	2	2	1	0	3	0	2	2	2	0	2	
MEAN	2	2	2	2	2	1	2	2	2	2	1	1	1.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - DEC 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	2	2	0	3	0	4	3	3	2	2
2	2	0	0	3	1	0	2	2	3	0	2	0	1
3	2	0	0	1	0	0	0	0	3	2	0	1	1
4	0	3	0	2	1	0	0	0	1	2	0	0	1
5	3	0	2	0	1	0	1	1	1	2	0	2	1
6	1	2	0	2	1	2	0	2	5	3	1	2	2
7	0	1	2	2	0	2	0	4	1	2	2	2	2
8	4	1	3	5	1	2	0	0	0	3	0	0	2
9	0	2	3	0	2	0	0	0	1	0	2	2	1
10	0	0	0	2	2	0	0	0	0	3	0	0	1
11	2	0	3	1	0	0	0	2	2	2	2	0	1
12	0	3	3	0	1	3	0	8	3	1	2	0	2
13	2	2	0	1	0	0	0	1	0	0	0	2	1
14	3	0	0	0	0	1	2	0	0	0	0	0	1
15	2	0	0	0	1	4	0	0	0	0	1	2	1
16	2	0	0	0	2	0	0	0	6	2	3	0	1
17	2	1	0	0	2	0	0	1	0	1	0	0	1
18	2	0	2	2	0	0	0	2	2	2	1	0	1
19	1	1	2	2	0	0	0	0	1	1	0	0	1
20	0	1	3	2	0	1	2	0	3	1	3	0	1
21	2	0	0	1	0	0	0	2	1	0	0	2	1
22	1	5	2	0	2	1	0	2	0	2	2	0	1
23	0	2	1	0	0	2	0	2	2	1	0	0	1
24	2	1	0	0	1	0	2	1	4	1	1	0	1
25	3	0	3	2	0	0	0	1	1	0	0	1	1
26	0	0	1	2	0	1	0	1	0	2	1	4	1
27	2	2	0	0	0	1	1	0	2	0	0	0	1
28	2	1	0	1	0	2	2	0	0	0	0	3	1
29	1	1	4	0	1	1	0	2	0	1	0	4	1
30	1	3	0	3	1	2	1	2	2	1	2	1	2
31	3	5	2	1	2	2	0	3	0	2	2	0	2
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 220B6 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE						
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING		
JAN	19	1.5	3	7		
FEB		DATA UNAVAILABLE				
MAR		DATA UNAVAILABLE				
APR		DATA UNAVAILABLE				
MAY		DATA UNAVAILABLE				
JUN		DATA UNAVAILABLE				
JUL	20	1.0	2	9		
AUG	31	0.8	2	7		
SEP	30	0.8	1	9		
OCT	31	1.0	2	7		
NOV	30	1.6	4	9		
DEC	31	1.1	2	8		
YEAR	192	1.1	4	9		

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	214	10	0	0	0	0	0	224
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	243	2	0	0	0	0	0	245
AUG	365	6	0	0	0	0	0	371
SEP	356	3	0	0	0	0	0	359
OCT	366	5	0	0	0	0	0	371
NOV	339	21	0	0	0	0	0	360
DEC	366	6	0	0	0	0	0	372
YEAR	2249	53	0	0	0	0	0	2302

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.2	0	0.0	0.0	0.0	1.3	2.3	2.9	4.2	5.0	9	1.1

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	0	3	0	2	0	2	0	1
2	0	3	0	0	2	2	2	0	3	0	2	0	1
3	3	0	0	2	0	2	2	0	3	2	0	0	1
4	4	0	3	2	3	3	0	2	2	4	3	3	2
5	0	2	3	5	7	2	3	0	7	3	7	3	4
6	3	0	3	3	3	0	2	3	0	3	2	0	2
7	0	2	2	3	3	1	***	0	1	3	2	2	2
8	3	5	3	2	3	2	2	3	3	3	2	0	3
9	2	1	3	0	1	3	3	3	3	3	2	0	2
10	0	0	1	2	0	2	2	2	0	2	2	0	1
11	1	0	0	0	0	2	2	6	3	3	0	3	2
12	0	0	0	1	2	2	3	2	3	8	2	5	2
13	5	3	3	6	2	5	3	2	1	0	2	0	3
14	0	0	0	2	2	3	0	1	0	2	0	1	1
15	2	2	0	0	0	2	0	2	2	0	1	2	1
16	3	0	2	3	2	0	3	3	0	4	3	1	2
17	3	9	2	3	2	0	0	0	0	0	4	0	2
18	0	2	0	0	2	0	3	0	0	5	2	5	2
19	4	9	3	2	2	9	3	2	3	4	0	0	3
20	2	0	2	0	3	2	0	3	0	3	2	0	1
21	2	1	0	2	3	0	3	3	0	1	3	3	2
22	3	0	2	1	0	3	3	3	4	3	0	6	2
23	3	1	2	0	5	3	0	3	3	3	6	2	2
24	0	5	4	***	10	5	4	8	3	5	6	3	4
25	2	3	5	5	10	5	1	5	3	4	1	2	4
26	0	0	2	0	3	5	7	5	3	2	2	0	2
27	2	2	2	2	0	0	2	2	2	0	2	0	2
28	1	0	3	5	7	3	2	0	0	3	0	0	2
29	0	2	2	0	2	2	0	0	0	1	2	0	1
30	2	0	2	3	0	2	0	3	2	0	2	3	2
31	2	3	3	4	8	3	3	3	0	1	2	0	3
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - FEB 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	2	3	3	2	2	2	2	2	2	2
2	4	3	4	7	7	5	8	3	0	5	2	1	4
3	9	3	3	5	5	7	2	0	7	0	3	5	4
4	4	0	0	5	4	3	3	5	6	5	12	9	5
5	5	3	3	2	2	2	2	0	5	0	2	2	2
6	0	2	2	0	2	0	2	2	2	0	2	0	1
7	0	2	2	3	0	2	2	3	3	2	1	2	2
8	0	2	0	13	8	2	4	3	1	3	4	3	4
9	2	2	3	7	7	2	2	2	3	1	1	0	3
10	2	0	3	2	2	0	2	3	3	3	2	2	2
11	2	1	0	2	0	2	2	0	0	2	2	0	1
12	2	0	0	0	0	0	0	0	0	0	2	2	1
13	0	1	0	2	3	2	2	0	3	2	0	0	1
14	0	0	0	****	1	5	1	0	3	3	2	2	2
15	6	3	5	18	15	3	1	5	3	2	2	3	6
16	2	0	3	5	3	6	0	2	2	2	2	3	3
17	2	0	2	3	5	2	2	0	5	2	2	5	3
18	2	5	2	3	0	5	2	2	4	2	0	0	2
19	2	0	2	2	1	0	2	1	0	6	5	7	2
20	4	11	7	19	13	9	2	5	2	6	2	5	7
21	3	4	3	6	8	6	2	2	3	3	2	4	4
22	2	2	2	2	6	2	3	0	3	2	2	5	3
23	0	0	2	4	2	6	2	3	3	3	2	6	3
24	1	5	2	2	2	3	3	2	4	2	1	5	3
25	3	2	3	2	3	3	1	3	0	3	3	3	2
26	0	2	2	0	2	1	0	0	2	3	0	2	1
27	0	0	0	3	2	0	2	2	1	3	2	0	4
28	4	2	2	8	5	3	2	2	2	4	3	5	
MEAN	2	2	2	5	4	3	2	2	3	3	2	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - MAR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	3	3	2	1	0	0	0	3	0	2	2
2	0	2	4	2	0	2	1	0	2	4	3	4	2
3	9	5	0	4	0	3	3	0	4	3	0	3	3
4	0	1	0	5	2	0	0	3	2	3	0	3	2
5	2	0	0	2	0	2	3	2	0	2	2	2	1
6	5	0	6	3	8	2	7	3	5	0	5	0	4
7	3	2	1	5	3	3	0	3	0	4	3	2	2
8	2	2	2	2	5	2	2	3	1	6	7	7	3
9	7	0	5	8	12	3	2	1	3	2	6	5	5
10	3	3	5	5	7	2	0	3	3	4	5	3	4
11	2	0	2	2	5	2	4	2	5	5	3	4	3
12	3	6	5	3	1	2	2	0	2	1	3	4	3
13	0	9	6	3	9	3	2	2	3	1	3	2	4
14	4	5	4	0	0	1	3	0	3	3	2	3	3
15	0	1	3	0	2	0	3	0	5	3	2	3	2
16	0	2	2	2	2	2	3	2	2	0	2	2	2
17	2	2	2	3	4	0	0	2	5	2	3	0	2
18	5	0	2	1	0	0	2	0	2	3	0	4	2
19	3	2	3	3	0	0	2	2	2	0	3	0	2
20	2	2	6	8	5	0	0	2	0	0	2	4	3
21	2	0	3	3	3	4	2	3	2	0	2	0	2
22	0	3	2	2	2	6	2	2	2	4	2	3	3
23	1	1	0	2	3	3	0	1	2	4	2	7	1
24	0	0	0	2	0	2	2	0	3	0	4	3	2
25	0	2	2	2	2	2	2	1	0	2	2	1	1
26	2	0	0	2	2	2	0	0	2	2	2	0	1
27	0	0	2	2	2	0	3	3	4	5	0	0	3
28	0	4	2	5	3	0	2	3	2	0	5	3	2
29	3	2	0	1	2	1	3	0	4	2	0	2	2
30	3	0	2	2	2	4	0	0					
31	2	2	6	11	10	3	2	2	3	2	1	5	4
MEAN	2	2	3	3	3	2	2	2	2	2	2	3	2.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	8	9	3	2	0	2	3	0	3	0	3	3	1
2	0	3	0	0	2	0	2	1	2	0	3	2	1	1
3	2	2	7	0	2	0	2	0	0	0	0	1	2	1
4	6	5	2	2	0	2	2	0	0	2	0	1	2	2
5	2	0	0	9	7	6	6	3	3	6	1	2	5	5
6	11	8	2	4	4	0	3	2	0	7	11	11	3	3
7	0	0	2	0	0	2	0	2	2	3	0	2	3	3
8	2	0	2	2	0	2	2	2	2	0	0	2	1	1
9	0	4	5	0	0	3	0	0	0	2	0	2	1	1
10	0	2	2	0	....	2	0	0	3	4	0	0	1	1
11	2	4	0	5	3	3	3	1	4	1	0	0	2	2
12	0	2	0	0	2	2	0	2	0	4	1	5	2	2
13	3	0	5	2	2	0	2	3	3	0	2	1	2	2
14	1	0	0	0	3	0	0	2	0	0	3	1	1	1
15	0	1	3	0	0	0	0	0	0	2	0	2	1	1
16	3	0	3	3	0	3	2	0	0	0	3	0	1	1
17	0	2	2	2	0	2	0	0	2	3	2	0	1	1
18	4	3	2	0	5	1	1	3	0	2	5	0	2	2
19	2	3	3	1	2	3	0	3	1	3	2	3	2	2
20	0	2	0	5	1	2	2	0	0	0	0	2	1	1
21	0	2	2	0	2	0	0	0	2	2	0	2	1	1
22	0	2	0	2	2	0	1	0	2	2	7	4	2	2
23	4	3	5	2	2	0	3	2	2	2	8	6	3	3
24	0	4	2	2	2	0	2	2	0	2	4	2	2	2
25	2	0	1	0	0	2	1	2	0	2	3	4	1	1
26	1	2	1	1	0	1	0	0	1	2	3	4	1	1
27	0	2	0	-	-	-	0	2	0	0	2	0	1	1
28														
29														
30														
MEAN	2	2	2	2	2	1	1	1	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 87.2

PERCENTAGE OF DATA INVALID - 19.2

PERCENTAGE OF DATA UNAVAILABLE - 6.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4	....	....	....	....	....	....	....	....	2	2	5	1	.....	
5	0	2	3	1	1	2	3	0	0	0	2	0	1	1
6	2	2	2	0	1	2	0	3	0	2	2	0	1	1
7	2	3	2	2	0	0	2	2	0	2	0	2	1	1
8	0	0	5	3	6	1	6	4	0	7	0	0	3	3
9	5	2	2	2	2	3	5	1	3	4	2	0	3	3
10	1	0	2	5	2	0	4	2	4	0	4	6	3	3
11	2	9	2	3	5	2	2	0	2	0	0	4	3	3
12	3	2	0	3	4	4	3	2	4	2	2	2	2	2
13	3	3	2	2	0	2	2	0	3	2	0	1	2	2
14	0	5	2	4	0	3	0	1	3	0	3	0	2	2
15	2	0	0	2	0	5	0	0	4	1	2	0	1	1
16	2	2	2	1	2	0	0	0	1	5	1	0	2	2
17	0	0	0	0	3	0	3	2	5	3	2	0	2	2
18	4	2	7	2	2	2	2	2	2	0	6	2	2	2
19	4	3	1	2	2	0	2	0	0	0	4	0	2	2
20	2	0	4	6	2	7	3	1	2	5	0	4	2	2
21	2	0	0	2	0	0	0	0	2	0	2	2	1	1
22	1	2	3	2	3	0	2	1	0	0	4	0	2	2
23	2	0	3	2	0	0	0	2	0	3	1	3	1	1
24	0	4	5	3	1	3	0	1	0	4	0	2	2	2
25	2	1	2	5	0	1	0	4	0	0	1	3	2	2
26	2	0	2	3	2	0	0	0	2	2	0	2	1	1
27	1	5	0	0	5	2	2	1	0	2	2	2	2	2
28	2	1	2	0	1	0	1	2	0	2	0	2	1	1
29	2	2	0	1	2	2	1	0	0	0	2	0	1	1
30	2	3	2	3	0	6	0	2	2	0	4	0	2	2
31	2	0	2	2	4	3	0	1	0	0	1	0	1	1
MEAN	2	2	2	2	2	2	2	1	1	2	2	1	1.8	

PERCENTAGE OF DATA VALID - 88.2

PERCENTAGE OF DATA INVALID - 8.6

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	0	0	1	0	0	3	0	0	3	1	
2	2	0	0	0	0	2	1	0	2	0	0	0	1	
3	0	2	0	0	0	2	0	2	2	2	1	0	1	
4	0	0	0	2	0	0	0	2	0	2	0	2	1	
5	3	0	0	2	0	0	0	0	0	0	0	2	1	
6	0	1	0	0	0	2	0	2	0	0	5	0	1	
7	0	0	2	2	0	2	2	2	0	1	0	0	1	
8	0	0	0	4	3	0	2	0	0	1	0	0	1	
9	0	0	0	0	0	0	0	3	0	1	0	0	0	
10	0	2	0	1	2	0	2	0	3	1	0	0	1	
11	2	3	0	0	0	0	0	0	0	0	2	2	1	
12	0	0	0	0	0	2	0	0	0	0	0	0	0	
13	2	0	0	0	0	2	0	0	0	0	2	0	1	
14	3	0	0	3	0	3	****	****	****	****	****	****	*****	
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	1	1	0	1	0	1	1	1	1	1	1	1	0.7	

PERCENTAGE OF DATA VALID - 43.5 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 54.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	****	0	0	0	0	2	2	1	3	1	
2	2	0	2	2	2	4	4	2	4	0	0	0	2	
3	3	1	0	2	0	0	1	0	1	0	2	2	1	
4	0	2	0	1	0	2	0	0	0	0	2	2	1	
5	0	6	4	0	0	2	0	2	1	0	0	3	1	
6	1	1	0	0	2	0	7	5	4	0	0	0	1	
7	0	3	0	2	2	0	0	1	2	0	3	0	2	
8	2	0	0	0	3	1	0	0	2	2	3	3	1	
9	0	2	3	0	3	4	0	2	0	3	2	3	2	
10	2	0	2	1	2	0	1	0	0	0	4	0	1	
11	0	2	3	0	3	3	5	0	1	3	0	7	2	
12	0	0	1	2	2	2	3	0	0	1	0	0	1	
13	0	0	3	0	2	0	1	0	5	0	1	0	1	
14	2	0	0	0	2	0	2	1	2	0	0	0	1	
15	0	0	2	1	1	3	0	0	3	0	0	0	1	
16	0	0	2	4	0	0	3	1	4	0	4	3	2	
17	4	0	6	3	0	2	0	3	1	1	1	0	2	
18	2	1	0	0	4	0	3	3	4	2	2	3	2	
19	0	0	2	1	5	0	0	4	0	2	2	3	2	
20	2	3	2	0	0	0	0	0	4	0	0	2	1	
21	0	0	4	3	2	2	5	0	0	6	0	0	2	
22	0	0	0	0	0	1	0	4	2	0	0	2	1	
23	0	2	2	0	1	3	2	2	2	0	0	5	2	
24	5	1	0	2	0	3	0	4	0	4	0	0	1	
25	4	0	0	1	1	2	2	2	1	0	0	3	1	
26	0	1	3	7	3	2	0	0	0	0	0	0	1	
27	0	2	0	0	1	2	2	2	1	3	4	0	1	
28	2	0	7	0	2	1	0	2	2	0	0	5	2	
29	3	1	4	2	0	0	0	0	0	0	3	0	1	
30	1	0	2	0	2	4	0	1	4	0	1	1	1	
MEAN	1	1	2	1	2	1	1	1	2	1	1	2	1.4	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - OCT 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	0	0	0	0	0	2	2	0	1	1
2	0	0	0	4	0	1	3	2	0	0	0	2	1
3	0	1	2	2	0	6	0	0	5	2	0	0	2
4	2	0	2	0	0	4	0	2	0	4	0	4	1
5	5	1	0	2	0	0	2	0	4	5	5	0	2
6	2	1	1	5	6	2	2	2	2	0	3	2	2
7	4	0	2	0	0	0	0	2	0	0	0	1	1
8	3	2	1	0	0	2	5	0	2	3	1	4	2
9	0	2	2	0	0	2	0	2	2	0	0	0	1
10	0	0	0	0	1	2	0	0	0	3	0	3	1
11	1	0	0	6	0	0	1	2	1	0	0	3	1
12	2	0	2	0	6	1	0	0	0	1	2	4	2
13	0	1	2	1	0	0	0	2	1	0	3	0	1
14	2	2	2	0	1	0	0	0	0	0	3	1	1
15	5	0	0	0	0	0	0	1	3	2	2	3	1
16	0	2	1	4	0	0	0	0	0	4	2	0	1
17	0	0	3	3	2	0	1	3	2	2	0	3	2
18	0	0	0	0	0	0	2	3	0	0	2	0	1
19	3	0	1	2	0	0	0	2	0	0	0	2	1
20	0	2	1	2	0	0	1	2	1	2	2	2	1
21	0	2	2	0	1	2	0	2	0	0	5	6	2
22	2	0	2	3	2	2	0	0	3	0	0	0	1
23	2	0	3	0	3	0	0	0	0	2	0	0	1
24	0	1	3	2	0	0	2	0	2	0	2	1	1
25	0	2	3	0	0	1	1	0	3	0	3	2	1
26	0	0	3	0	0	0	2	0	0	0	0	0	1
27	2	1	1	1	3	2	0	0	2	4	0	6	2
28	1	0	2	0	4	0	0	3	0	1	2	0	1
29	0	2	0	0	3	0	2	0	2	0	0	3	1
30	0	2	0	5	0	5	0	2	0	0	0	0	1
31	2	0	1	1	3	0	3	1	1	0	0	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - NOV 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	2	0	2	1	0	0	0	0	3	1
2	0	1	1	0	0	0	3	0	2	0	2	0	1
3	2	3	3	1	8	0	2	2	1	1	0	0	2
4	3	3	0	3	3	1	3	0	1	2	1	2	2
5	3	5	1	1	0	0	6	0	1	0	2	0	2
6	2	3	2	1	0	0	0	3	1	3	0	0	1
7	0	0	3	2	1	1	1	0	2	2	0	0	1
8	1	1	0	3	2	2	1	1	0	4	0	3	2
9	0	0	0	0	0	0	2	2	1	0	0	2	1
10	2	3	1	0	4	2	0	3	2	0	2	0	2
11	2	1	0	3	0	0	0	3	2	0	2	2	1
12	2	0	0	3	0	1	3	0	2	0	0	0	1
13	0	2	0	2	1	0	0	0	6	2	5	0	2
14	2	0	2	0	1	0	0	2	0	3	2	0	1
15	3	0	0	1	0	1	0	3	2	3	2	0	1
16	3	0	0	6	2	0	2	0	2	3	0	3	2
17	2	0	2	0	2	0	0	2	0	2	1	0	1
18	0	3	1	0	0	2	0	0	0	0	0	0	1
19	0	0	2	0	2	0	2	0	2	0	1	0	1
20	0	0	1	0	2	0	0	2	0	0	0	6	1
21	0	0	0	2	0	0	1	3	0	3	0	0	1
22	0	0	2	0	0	1	0	0	0	0	2	0	1
23	2	2	3	2	0	1	0	0	0	1	0	0	0
24	0	0	0	0	1	1	0	0	0	1	0	0	1
25	2	2	0	0	2	0	0	2	0	1	0	0	1
26	2	0	0	2	2	0	1	0	0	1	0	7	1
27	0	2	2	1	2	0	2	0	0	0	2	0	1
28	2	0	2	0	2	1	0	2	0	3	0	2	1
29	2	0	2	0	3	0	0	2	1	0	3	0	1
30	0	0	0	3	0	0	0	2	1	0	3	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - DEC 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	2	0	1	0	1	0	2	0	1
2	2	2	2	0	0	2	1	2	2	0	2	1	1
3	2	2	0	2	0	0	0	0	2	2	0	0	1
4	0	2	1	1	2	0	0	0	0	0	0	0	1
5	2	2	0	1	1	1	1	2	0	2	0	0	1
6	2	0	2	0	5	0	1	1	4	0	2	0	2
7	1	2	1	4	3	0	0	2	0	1	3	0	1
8	2	2	1	4	0	3	1	3	0	3	0	2	2
9	0	0	2	0	2	0	2	1	0	3	0	1	1
10	2	2	2	2	1	2	0	0	0	0	0	0	1
11	2	0	2	2	1	0	0	1	3	0	2	0	1
12	2	1	1	1	2	0	0	0	0	2	2	0	1
13	2	0	1	1	0	1	0	0	0	3	0	0	1
14	2	0	1	2	2	2	0	0	2	0	1	1	1
15	0	2	2	0	0	2	1	2	0	2	2	2	1
16	0	0	0	1	0	4	0	3	0	2	0	2	1
17	0	2	0	1	0	2	2	2	0	4	-	0	1
18	0	0	0	3	0	3	0	0	0	1	0	1	1
19	1	2	0	3	0	3	0	2	0	0	1	0	1
20	2	0	0	3	0	0	3	0	2	1	3	1	1
21	1	0	0	0	2	1	0	0	0	2	2	3	1
22	1	2	0	0	1	0	2	0	1	0	3	0	1
23	1	0	0	2	0	0	0	1	0	0	3	1	1
24	0	1	0	2	0	2	0	2	0	2	0	2	1
25	0	0	3	0	0	0	0	0	0	0	0	0	0
26	0	2	0	1	0	0	0	0	0	1	0	3	1
27	0	1	2	0	2	0	1	1	0	1	0	2	1
28	0	3	2	0	0	0	0	0	2	0	4	2	1
29	0	3	1	0	2	0	0	0	1	0	3	0	1
30	2	0	0	2	0	0	0	0	0	0	0	1	0
31	0	3	0	2	2	0	0	1	0	0	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	4	10
FEB	28	2.7	7	19
MAR	31	2.4	5	12
APR	26	1.8	5	11
MAY	27	1.8	3	9
JUN	30	1.0	2	6
JUL	30	0.8	1	5
AUG	13	0.7	1	5
SEP	30	1.4	2	7
OCT	31	1.2	2	6
NOV	30	1.1	2	8
DEC	31	1.0	2	5
YEAR	338	1.5	7	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	3	1	2	2	1	1	3	1	5	2	2	
2	4	6	5	9	13	11	3	3	2	6	3	2	6	
3	2	3	4	9	12	15	14	5	1	2	4	5	6	
4	7	4	7	3	7	6	8	7	3	0	9	13	6	
5	8	5	7	5	5	3	4	2	3	2	2	2	4	
6	2	2	1	2	2	5	4	2	2	2	0	0	2	
7	5	2	1	0	5	3	3	1	2	0	0	5	2	
8	2	3	0	2	0	7	7	3	4	4	5	5	4	
9	1	0	2	2	7	6	2	3	2	7	2	1	3	
10	2	2	1	2	4	5	2	3	1	0	1	4	2	
11	4	2	5	4	2	0	5	2	3	2	0	2	3	
12	6	3	0	2	3	2	3	3	2	1	1	2	2	
13	1	2	1	2	5	2	5	3	3	2	2	1	2	
14	3	2	2	1	2	3	5	1	2	2	2	1	2	
15	5	8	6	15	21	4	1	1	1	6	3	6	3	
16	4	5	2	8	8	6	5	2	3	4	4	5	7	
17	2	1	4	6	5	2	2	2	2	3	2	6	4	
18	4	3	2	2	2	6	4	1	3	2	4	2	3	
19	1	3	2	2	2	1	0	0	2	3	2	3	2	
20	6	0	7	13	18	8	2	4	2	6	3	3	6	
21	7	2	5	9	11	5	6	0	6	3	0	2	5	
22	2	1	1	4	3	3	2	2	4	2	2	1	2	
23	1	4	5	5	8	4	1	2	3	0	2	4	3	
24	3	5	1	4	4	2	2	3	4	2	0	4	3	
25	6	2	5	2	5	3	3	1	1	2	2	7	3	
26	5	2	1	0	0	1	1	1	1	2	4	1	2	
27	1	1	0	4	1	2	4	1	2	1	2	0	2	
28	2	0	5	6	11	2	3	2	2	4	3	6	4	
MEAN	4	3	3	4	6	4	4	2	2	3	3	4	3.4	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	8	6	4	2	0	2	2	0	3	2	0	3	
2	4	1	3	4	3	4	1	2	2	3	5	8	3	
3	12	2	5	6	3	3	1	6	2	0	2	2	4	
4	2	1	0	2	2	3	0	2	3	2	3	0	2	
5	0	3	2	2	2	2	1	2	0	2	2	5	2	
6	6	5	2	14	8	2	3	2	1	2	6	6	5	
7	3	0	2	***	***	7	2	5	3	3	9	5	4	
8	7	5	9	13	7	3	3	4	9	9	12	13	8	
9	12	13	19	15	19	9	2	5	2	9	5	13	10	
10	5	8	9	13	12	9	7	3	7	8	7	4	8	
11	5	5	3	4	5	7	7	7	7	7	7	7	6	
12	7	7	7	3	5	2	3	0	0	4	3	2	4	
13	4	5	5	7	15	9	7	9	5	3	5	2	7	
14	4	5	8	3	***	3	2	2	3	5	0	5	4	
15	2	0	2	3	5	0	2	2	2	0	3	0	2	
16	0	0	2	12	7	7	12	5	5	3	3	5	2	
17	3	3	7	5	5	5	3	2	3	3	3	3	5	
18	3	0	0	3	2	3	2	3	3	3	3	2	2	
19	2	3	2	0	0	2	2	3	0	0	0	2	1	
20	0	2	5	15	***	2	3	7	7	0	3	4	4	
21	9	3	9	9	3	7	3	5	3	3	0	3	5	
22	3	3	2	2	3	3	5	3	5	3	5	0	3	
23	3	2	3	2	3	5	2	0	3	2	5	3	3	
24	2	0	2	0	0	2	3	0	2	0	2	2	1	
25	0	2	2	2	2	2	0	2	2	0	2	4	2	
26	2	0	0	0	5	2	5	2	2	2	3	3	2	
27	3	2	0	5	9	3	2	2	3	2	0	2	3	
28	0	2	0	7	2	2	2	2	3	4	2	3	3	
29	3	0	2	2	3	0	3	5	2	4	0	7	3	
30	3	0	5	3	5	0	3	0	2	3	7	2	3	
31	2	7	5	23	13	5	7	3	5	3	3	-	7	
MEAN	4	3	4	6	5	4	3	3	3	3	4	4	3.8	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE - - DATA UNAVAILABLE - - DATA UNAVAILABLE - - DATA UNAVAILABLE -	
2														
3														
4														
5					0	2	2	2	3	5	11	28	7	7
6	28	15	6	7	6	3	3	3	2	3	3	3	7	7
7	2	2	4	1	15	6	3	2	3	2	2	0	4	4
8	3	2	0	2	0	2	2	1	2	0	2	0	1	1
9	5	0	2	0	0	2	1	0	0	5	3	5	3	3
10	3	5	2	2	0	2	5	2	5	3	3	5	3	3
11	2	7	5	13	28	6	10	6	2	0	3	2	7	7
12	2	2	3	2	5	3	0	3	3	2	2	2	2	2
13	2	3	0	2	3	5	10	3	2	1	0	3	3	3
14	0	2	0	3	2	2	0	2	2	1	2	3	2	2
15	0	0	3	0	5	1	3	3	2	3	2	3	2	2
16	2	2	0	5	0	0	2	2	2	2	0	2	2	2
17	3	0	3	3	6	4	3	2	3	5	0	9	3	3
18	4	3	3	5	***	7	2	5	3	3	0	2	3	3
19	3	2	4	3	3	3	5	5	3	3	2	3	3	3
20	2	2	0	3	9	5	3	0	4	3	1	0	3	3
21	2	3	0	5	0	2	2	2	3	0	3	0	2	2
22	4	2	2	2	2	2	0	3	2	3	5	7	3	3
23	2	2	7	0	2	2	2	2	0	6	7	7	3	3
24	4	9	7	***	3	4	5	0	5	0	5	4	4	4
25	3	3	5	7	5	2	2	2	4	5	7	7	4	4
26	3	2	3	3	5	5	3	2	5	3	5	2	3	3
27	2	3	2	3	5	7	5	3	7	5	0	2	4	4
28	2	2	3	7	4	2	7	2	3	2	3	3	3	3
29	3	3	0	2	2	2	0	5	0	0	2	0	2	2
30	3	0	2	0	0	3	1	2	2	4	2	0	2	2
MEAN	4	3	3	3	4	3	3	2	3	3	3	4	3.1	

PERCENTAGE OF DATA VALID - 85.0 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 14.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	***	0	2	1	3	3	0	0	1	1
2	2	0	3	2	3	2	3	0	0	0	2	0	1	1
3	3	0	2	3	2	0	3	0	3	2	3	2	2	2
4	5	0	11	7	5	1	2	2	0	1	3	0	3	3
5	3	0	2	7	2	3	2	3	0	3	2	2	2	2
6	2	0	2	2	1	0	0	0	3	0	2	2	1	1
7	0	3	0	1	0	0	0	0	3	0	3	0	3	3
8	2	2	3	7	***	3	8	5	3	0	3	0	1	1
9	1	2	3	0	3	0	0	0	3	0	0	0	1	1
10	0	2	0	2	0	1	2	2	0	1	3	9	2	2
11	8	7	0	5	2	7	0	4	2	0	2	3	3	3
12	2	3	1	2	13	9	8	2	0	2	2	0	4	4
13	2	2	2	3	3	2	2	0	2	2	0	2	1	1
14	0	0	0	2	0	1	0	0	2	2	2	2	2	2
15	3	0	2	2	2	2	0	3	2	0	3	0	2	2
16	2	0	2	3	***	3	3	6	3	0	4	0	2	2
17	0	0	2	7	3	2	5	2	5	3	2	7	5	5
18	8	2	3	11	13	2	0	6	1	0	8	0	3	3
19	6	7	11	2	3	0	0	0	3	2	0	2	3	3
20	2	1	0	0	3	4	2	0	2	0	3	1	2	2
21	0	2	0	0	0	1	0	0	0	0	3	0	1	1
22	2	0	2	0	2	0	2	0	5	6	5	5	2	2
23	3	7	6	11	4	2	2	2	3	2	1	9	4	4
24	3	9	***	0	7	5	5	5	2	6	0	3	4	4
25	3	5	13	2	3	2	5	3	3	5	3	5	4	4
26	7	6	13	21	11	2	1	3	0	3	6	6	6	6
27	5	6	3	4	3	2	2	5	0	2	3	5	3	3
28	8	3	9	5	5	0	0	1	2	1	3	9	4	4
29	5	3	9	13	3	2	3	3	1	0	5	4	4	4
30	8	5	11	8	***	0	3	3	0	3	3	2	4	4
31	3	2	2	3	0	2	0	0	0	0	2	0	1	1
MEAN	3	3	4	4	4	2	2	2	2	2	2	3	2.7	

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - JUN 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	4	2	3	2	0	0	4	3	0	2
2	2	2	0	4	2	2	0	2	0	1	2	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	3	0	2	0	0	0	0	3	0	1
5	0	2	0	0	3	0	0	0	0	2	0	0	1
6	3	3	12	7	***	1	2	0	2	0	2	3	3
7	2	2	3	5	9	3	3	4	3	2	3	3	4
8	0	3	0	3	0	4	0	2	3	2	0	2	2
9	2	0	2	2	0	0	0	5	0	2	0	2	1
10	0	3	1	5	0	0	0	0	3	0	2	0	1
11	2	2	0	2	0	2	0	0	0	2	2	0	1
12	0	2	0	***	5	3	0	0	0	0	2	0	1
13	0	0	0	***	0	2	1	0	0	0	3	0	1
14	2	0	0	3	1	2	0	2	0	0	0	0	1
15	0	3	0	4	2	3	2	0	0	0	4	3	2
16	3	3	6	9	4	2	0	0	0	0	0	3	2
17	2	2	3	3	2	2	0	3	0	5	0	3	3
18	3	0	0	0	0	0	2	2	0	0	0	2	2
19	0	0	9	5	3	3	0	0	0	2	0	0	0
20	5	5	7	9	2	2	2	0	0	1	2	5	3
21	5	4	11	8	5	3	2	1	0	1	2	2	4
22	2	0	3	2	2	2	0	1	2	0	0	2	1
23	5	2	1	5	0	0	3	1	3	0	2	1	2
24	0	2	0	2	2	0	0	1	0	0	2	2	1
25	0	2	3	0	1	2	2	2	0	2	1	2	1
26	2	2	0	2	5	1	0	1	2	2	0	0	1
27	1	2	2	3	0	3	2	2	2	0	1	2	2
28	3	2	2	2	0	0	0	2	0	2	2	0	1
29	2	2	2	2	2	0	2	2	1	0	2	0	1
30	2	2	2	7	5	2	2	1	1	1	2	0	2
MEAN	2	2	3	4	2	2	1	1	1	1	1	1	1.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - JUL 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	2	0	0	2	1	0	1	1	3	1
2	1	3	4	0	0	2	1	0	2	0	1	0	1
3	2	1	0	2	0	2	3	0	2	1	0	0	1
4	2	1	0	4	4	2	3	3	2	0	4	14	3
5	3	3	2	9	3	2	2	0	2	0	2	0	2
6	2	0	2	0	3	3	2	0	2	0	2	0	2
7	2	2	3	3	3	2	2	2	2	0	3	2	2
8	3	1	2	2	2	2	0	0	2	5	2	2	3
9	0	2	0	2	0	2	0	0	1	0	2	2	1
10	0	0	0	0	1	0	0	0	0	2	0	0	0
11	0	0	0	***	3	3	0	0	2	0	3	0	1
12	2	3	2	7	0	0	0	0	2	0	2	3	2
13	0	0	2	0	3	3	1	3	2	3	0	2	2
14	3	0	2	2	0	2	0	0	0	0	0	2	1
15	2	2	1	3	0	0	0	0	3	0	0	0	1
16	0	2	0	1	0	0	3	0	0	0	0	0	1
17	0	1	0	3	3	0	0	0	2	0	2	0	1
18	2	0	5	7	1	0	0	0	3	1	3	0	2
19	0	2	0	4	***	***	***	***	***	***	***	***	***
20													
21	***	***	***	***	***	***	2	0	2	2	2	2	***
22	3	2	2	2	2	2	0	2	0	5	2	0	2
23	3	0	2	0	0	0	0	2	0	0	2	0	1
24	2	0	3	5	5	2	3	2	2	0	3	0	2
25	3	1	3	12	9	0	0	0	0	***	0	0	3
26	0	0	2	0	0	***	0	0	5	0	0	0	1
27	3	2	2	0	2	0	0	2	0	2	0	2	1
28	0	0	0	2	0	5	2	0	0	2	1	0	1
29	0	2	0	0	0	0	2	2	0	2	2	0	1
30	0	3	0	0	0	2	0	0	0	0	2	2	1
31	2	3	3	12	5	3	3	2	0	3	2	5	4
MEAN	1	1	2	3	2	1	1	1	1	1	1	2	1.5

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 7.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	5	4	3	5	8	3	0	7	5	4	4
2	9	0	7	5	5	0	2	2	0	7	2	2	3	2
3	3	3	0	2	3	5	2	3	0	0	0	0	1	1
4	0	0	0	2	0	***	0	1	0	2	3	2	2	2
5	5	3	2	5	2	0	2	0	2	2	0	1	1	1
6	0	0	3	0	2	3	2	2	0	5	2	2	2	2
7	2	2	2	5	1	2	2	3	3	3	0	5	3	3
8	4	2	3	3	4	0	2	2	0	1	3	0	2	2
9	2	3	2	2	5	5	0	3	3	5	2	5	3	3
10	0	2	2	2	1	5	0	3	3	5	2	5	3	3
11	4	3	9	9	7	3	4	8	2	3	2	2	5	5
12	7	5	3	3	5	3	2	2	3	0	2	2	3	3
13	2	0	3	1	0	2	3	2	1	0	5	2	2	2
14	0	7	3	4	5	3	0	3	2	0	1	5	3	3
15	2	5	9	13	5	5	5	0	0	2	3	2	4	4
16	0	5	0	***	2	0	0	0	2	2	0	0	1	1
17	0	0	0	3	2	0	0	0	0	0	0	2	1	1
18	3	7	3	12	7	0	4	2	0	2	2	2	4	4
19	0	2	2	0	3	0	2	0	2	0	0	2	1	1
20	0	0	2	0	2	0	1	0	0	0	0	0	0	0
21	0	1	5	5	7	2	2	0	2	0	5	2	3	3
22	0	5	9	15	7	2	0	0	0	7	5	2	5	5
23	7	4	3	15	9	5	2	3	3	3	2	5	2	2
24	2	3	0	1	3	3	5	3	0	5	0	2	3	3
25	3	2	0	2	3	7	3	1	2	2	1	2	3	3
26	0	2	0	2	2	0	0	2	0	3	2	1	1	1
27	0	1	0	0	0	0	2	0	0	0	1	0	0	0
28	2	2	2	0	0	0	4	2	2	7	2	1	2	2
29	2	3	0	1	3	1	0	2	3	2	3	2	2	2
30	2	2	4	22	6	0	2	1	2	1	4	4	4	4
31	2	0	2	12	7	5	4	0	2	2	3	1	3	3
MEAN	2	2	3	5	4	2	2	2	1	2	2	2	2.5	2.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	3	6	7	1	2	2	2	5	2	0	3	3
2	2	0	3	3	2	0	1	5	1	2	4	2	2	2
3	2	2	4	4	4	2	2	2	0	2	0	2	2	2
4	0	0	2	1	2	2	3	0	2	0	3	3	2	2
5	1	0	4	4	2	2	4	5	2	2	1	3	3	3
6	4	0	6	4	***	2	3	2	0	0	3	0	2	2
7	0	5	4	6	7	7	5	5	7	5	3	2	5	5
8	3	0	3	3	3	7	6	7	7	3	5	3	4	4
9	0	4	0	2	0	2	0	0	0	2	2	2	1	1
10	2	2	0	2	2	2	2	0	2	3	2	2	2	2
11	3	3	2	3	3	3	3	2	4	2	4	2	3	3
12	0	0	4	1	***	***	-	-	-	-	-	-	*****	*****
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	***	5	7	5	7	14	7	5	*****	*****
20	4	5	7	9	13	5	7	7	5	0	5	2	6	6
21	5	3	2	4	2	3	2	3	3	2	1	0	3	3
22	0	0	3	5	5	2	2	6	2	1	3	0	2	2
23	0	4	2	7	2	3	0	0	2	0	0	5	2	2
24	7	2	7	5	0	3	0	3	3	0	2	***	2	2
25	1	2	0	0	2	3	5	3	2	2	2	3	6	6
26	4	12	9	25	9	0	2	2	3	3	2	3	6	6
27	3	7	2	9	2	0	3	3	2	0	0	7	3	3
28	0	2	0	5	2	3	2	3	2	0	5	3	6	6
29	7	9	5	19	12	0	5	2	2	2	2	4	4	4
30	5	4	9	7	5	0	5	2	2	2	2	4	4	4
MEAN	2	3	4	6	4	3	3	3	3	2	3	3	3.1	3.1

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 22.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER							MONTH - OCT 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	0	0	2	1	0	0	2	3	1
2	0	0	5	9	4	2	3	3	3	3	3	5	3
3	9	7	12	12	12	12	3	7	8	5	5	2	8
4	0	2	0	2	2	2	2	0	2	3	1	3	2
5	0	5	5	9	3	3	2	4	2	3	2	0	3
6	0	0	0	3	0	2	0	3	0	0	3	0	1
7	0	0	2	0	2	0	3	0	2	0	2	0	1
8	0	0	0	0	0	3	0	2	0	3	2	5	1
9	0	2	5	2	3	0	0	0	2	2	0	0	1
10	0	2	4	3	2	***	0	2	3	5	3	9	3
11	3	5	9	31	11	3	2	5	5	3	1	5	7
12	3	2	5	2	5	4	4	1	2	2	1	4	3
13	3	2	1	7	5	7	5	6	3	2	2	4	4
14	2	0	2	1	0	3	0	0	1	5	3	0	1
15	1	1	1	2	1	0	0	0	2	3	4	2	1
16	0	2	1	6	6	2	2	5	2	2	1	3	3
17	3	3	4	15	11	3	0	0	2	3	0	2	4
18	3	2	4	4	5	2	3	3	3	6	3	2	3
19	3	1	2	5	1	2	2	4	2	4	2	0	2
20	2	2	2	9	2	3	0	3	2	2	4	2	3
21	2	5	4	3	3	4	3	6	3	0	3	2	3
22	2	2	6	2	3	3	3	2	2	10	3	3	3
23	2	2	1	0	***	5	3	2	2	1	2	5	2
24	2	6	6	2	0	2	0	0	3	2	2	6	3
25	5	2	8	2	4	5	2	3	2	2	3	3	3
26	3	2	2	3	2	2	2	0	3	2	2	0	2
27	2	2	0	3	2	3	5	2	4	3	3	0	2
28	5	3	8	5	0	1	2	0	0	2	2	2	3
29	2	2	0	0	2	***	0	2	2	5	4	8	2
30	7	6	5	3	18	12	3	0	3	3	2	2	5
31	7	6	6	2	7	7	11	3	2	4	0	2	5
MEAN	2	3	4	5	4	3	2	2	2	3	2	3	2.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER							MONTH - NOV 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	11	12	3	2	2	6	3	5	
2	3	2	0	3	1	8	3	3	2	9	9	11	
3	10	15	16	14	25	32	8	5	5	9	9	8	
4	8	10	7	10	13	8	5	5	6	4	7	14	
5	17	17	15	11	5	5	4	6	3	4	2	5	
6	2	2	7	5	8	5	2	2	2	6	2	3	
7	5	2	0	3	2	6	4	3	2	9	5	2	
8	2	7	8	9	15	24	1	3	1	3	2	5	
9	2	2	2	2	***	3	5	5	5	8	7	15	
10	13	5	13	19	22	12	13	12	7	2	7	9	
11	3	3	7	5	5	3	9	2	7	3	0	0	
12	0	2	0	2	0	0	0	2	2	0	4	2	
13	3	2	0	7	7	7	7	12	9	5	5	5	
14	3	2	0	3	3	0	3	2	0	3	2	2	
15	0	0	0	2	3	2	3	1	7	3	9	22	
16	9	7	5	22	22	16	2	3	3	4	3	5	
17	2	0	0	0	2	3	5	2	2	2	2	0	
18	2	2	0	0	2	3	0	0	2	0	2	2	
19	3	1	2	3	0	2	2	2	0	2	3	0	
20	2	0	3	5	2	12	13	5	9	3	3	0	
21	2	3	2	3	2	9	5	7	7	4	6	2	
22	2	5	2	7	3	6	6	5	6	7	4	3	
23	8	6	6	5	7	5	9	3	3	2	3	2	
24	2	3	2	2	0	3	2	2	5	3	0	3	
25	0	4	1	0	2	2	2	1	2	5	0	3	
26	4	0	0	2	2	0	2	0	2	4	5	3	
27	2	0	7	***	2	6	5	4	8	5	5	4	
28	2	6	2	2	8	4	4	1	2	0	1	2	
29	3	1	4	3	6	4	1	4	2	3	5	5	
30	0	0	2	2	0	1	2	3	3	3	5	2	
MEAN	4	4	4	5	6	7	4	4	4	4	4	5	4.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST KITCHENER

MONTH - DEC 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	1	5	5	5	4	5	6	4	2	4
2	2	3	3	2	2	3	3	4	4	10	4	3	4
3	9	3	7	3	2	3	2	4	7	7	2	2	4
4	0	2	2	3	2	1	4	2	3	1	2	3	2
5	1	2	3	2	3	5	2	2	3	2	2	3	3
6	1	2	3	4	5	4	4	5	6	3	2	3	4
7	2	2	5	9	8	7	7	2	7	3	8	8	6
8	10	5	4	***	3	1	2	3	4	4	2	0	3
9	3	2	2	2	1	2	2	4	1	2	2	0	2
10	2	3	0	2	1	0	1	4	0	2	2	0	1
11	1	2	3	3	4	3	4	2	6	3	4	4	3
12	2	2	2	0	2	0	3	4	0	3	2	3	2
13	3	4	0	4	3	2	2	3	0	4	2	4	3
14	0	2	1	2	2	0	2	3	0	1	3	0	1
15	2	0	3	2	2	5	2	2	4	3	2	2	3
16	2	4	2	5	2	2	2	5	4	5	2	2	1
17	2	2	0	0	0	0	1	2	1	1	***	***	1
18	0	0	2	3	0	0	0	0	2	0	0	0	1
19	0	0	0	5	0	0	0	3	0	0	0	7	1
20	0	2	0	2	0	0	0	0	0	0	2	0	1
21	0	0	0	0	0	0	0	2	0	0	0	0	0
22	1	0	0	2	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	2	0	0	12	0	7	2
24	0	0	2	0	0	2	0	3	2	0	2	2	1
25	0	0	0	0	0	0	2	0	0	3	0	0	0
26	0	0	0	0	1	0	0	2	0	2	0	0	0
27	0	0	0	0	2	0	1	0	0	0	0	0	0
28	0	0	2	0	3	0	0	0	6	5	3	2	2
29	9	0	6	0	2	0	1	0	0	0	2	0	2
30	0	0	0	0	0	0	3	0	0	3	0	5	1
31	0	0	0	2	0	0	3	7	0	0	2	0	1
MEAN	2	1	2	2	2	1	2	2	2	3	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	7	17
FEB	28	3.4	7	21
MAR	31	3.8	10	23
APR	26	3.1	7	28
MAY	31	2.7	6	21
JUN	30	1.6	4	12
JUL	28	1.5	4	14
AUG	31	2.5	5	22
SEP	22	3.1	6	25
OCT	31	2.9	8	31
NOV	30	4.5	13	32
DEC	31	1.9	6	12
YEAR	350	2.8	13	32

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	292	68	10	1	0	0	0	371
FEB	248	76	10	1	1	0	0	336
MAR	246	102	18	2	1	0	0	367
APR	239	60	4	0	3	0	0	306
MAY	297	58	11	0	1	0	0	367
JUN	330	25	2	0	0	0	0	357
JUL	327	13	3	0	0	0	0	343
AUG	304	60	5	0	1	0	0	370
SEP	207	60	4	1	1	0	0	273
OCT	296	62	9	1	0	1	0	369
NOV	223	104	19	5	6	1	0	358
DEC	331	37	1	0	0	0	0	369
YEAR	3340	725	94	11	14	2	0	4186

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.6	0	0.0	1.0	1.7	2.7	5.9	7.8	11.6	13.9	32	2.8

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26035

UNIROVAL 149 STRANGE ST. KITCHENER

MONTH - APR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4	****	****	****	****	****	****	****	4	2	9	4	0	*****
5	6	2	2	3	2	2	2	2	3	2	2	9	3
6	12	9	5	3	0	3	2	1	3	3	3	2	4
7	3	2	2	0	0	2	3	2	3	3	0	3	2
8	3	0	2	0	0	2	3	2	3	3	0	2	2
9	3	2	2	1	3	0	2	2	3	5	0	2	2
10	3	2	2	0	2	3	0	2	2	0	3	1	2
11	3	0	1	4	2	2	2	2	2	2	2	1	2
12	3	3	2	0	2	0	2	****	2	2	2	0	2
13	3	2	3	3	0	2	0	3	1	1	0	2	2
14	0	3	2	1	1	4	2	0	2	2	4	2	2
15	1	4	4	1	2	4	2	0	0	2	2	2	2
16	1	2	3	0	0	2	0	2	3	3	3	2	2
17	3	1	3	6	0	1	0	1	0	2	2	1	2
18	2	3	2	3	3	0	0	****	0	2	0	1	2
19	0	3	2	3	3	0	1	1	2	1	2	3	2
20	0	4	1	1	2	0	0	2	2	2	2	2	2
21	3	2	0	2	2	0	2	2	0	1	2	1	1
22	3	3	2	0	1	1	0	0	4	****	****	****	2
23													
24													
25													
26													
27	****	****	****	****	****	****	****	****	0	0	2	2	*****
28	2	4	4	0	2	4	0	6	2	6	1	3	3
29	1	3	1	4	0	0	2	0	1	2	2	0	1
30	1	1	0	2	2	2	2	0	3	1	2	2	2
MEAN	3	3	2	2	1	2	1	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 71.1

PERCENTAGE OF DATA INVALID - 28.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 26035 UNIROVAL 149 STRANGE ST. KITCHENER													MONTH - MAY 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	3	5	0	1	3	0	2	1	2	3	2
2	2	5	2	1	0	2	2	3	0	2	4	1	2
3	2	3	3	1	2	0	2	3	0	0	5	0	2
4	0	5	2	0	3	2	0	5	0	0	3	0	2
5	0	5	2	2	0	3	2	2	0	0	2	2	2
6	2	0	2	2	2	4	2	1	2	1	2	0	2
7	0	2	2	1	2	0	0	0	2	0	4	2	1
8	2	2	5	2	7	1	9	2	2	2	2	2	3
9	2	2	0	3	***	-	-	-	-	-	-	-	*****
10	- DATA UNAVAILABLE -												
11	- DATA UNAVAILABLE -												
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	- DATA UNAVAILABLE -												
15	-	-	-	-	-	****	1	2	2	0	4	0	*****
16	3	2	2	2	4	2	4	0	2	4	2	6	3
17	6	3	2	0	0	2	3	2	2	0	2	2	2
18	3	5	9	5	2	2	3	2	3	5	3	3	4
19	3	4	4	5	3	2	4	2	2	2	3	0	3
20	3	3	3	5	3	2	2	0	1	0	1	2	2
21	0	0	0	1	0	2	1	1	2	0	0	0	1
22	2	2	0	0	3	1	0	0	1	1	2	5	1
23	3	4	2	3	5	2	2	0	3	2	2	2	3
24	3	5	5	4	5	2	5	2	3	2	3	3	4
25	3	3	4	4	5	5	2	2	3	4	5	5	4
26	6	4	4	15	5	4	2	2	0	4	8	4	5
27	3	5	3	2	3	2	3	0	2	3	4	8	3
28	6	6	7	3	5	2	1	2	0	1	3	5	3
29	2	6	8	3	2	2	1	0	0	2	1	3	3
30	6	6	9	4	2	0	3	2	3	2	2	1	3
31	0	4	4	5	0	3	1	1	2	3	2	2	2
MEAN	3	4	3	3	3	2	2	1	2	2	3	2	2.5

PERCENTAGE OF DATA VALID - 80.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 19.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 26035 UNIROVAL 149 STRANGE ST. KITCHENER													MONTH - JUN 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	4	0	2	0	2	3	2	2	3	2
2	1	0	5	4	1	2	1	2	3	2	2	4	2
3	2	2	2	2	2	2	1	2	0	2	1	0	2
4	1	1	0	1	2	0	1	2	1	0	2	2	1
5	3	7	4	5	2	2	5	3	2	2	3	5	4
6	4	3	1	3	1	1	2	2	1	0	1	3	2
7	0	1	2	3	2	2	2	3	2	2	1	2	2
8	2	2	2	1	3	2	2	2	2	2	2	2	2
9	1	3	2	3	3	4	0	2	3	3	***	-	2
10	- DATA UNAVAILABLE -												
11	- DATA UNAVAILABLE -												
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	- DATA UNAVAILABLE -												
15	- DATA UNAVAILABLE -												
16	- DATA UNAVAILABLE -												
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	-	-	-	-	-	-	-	-	-	2	0	2	*****
20	2	0	3	4	2	0	2	0	2	4	2	2	2
21	0	3	3	7	3	2	3	5	1	7	5	1	3
22	2	8	3	3	2	1	3	1	2	0	2	1	2
23	2	0	2	2	2	2	2	1	2	1	1	2	2
24	1	2	2	2	2	0	2	2	2	0	0	1	1
25	1	2	3	0	0	0	2	2	1	2	0	2	1
26	3	3	2	2	3	0	2	0	0	3	3	2	2
27	3	0	2	2	1	***	0	3	3	0	2	7	2
28	0	5	2	2	2	7	0	3	2	1	0	4	2
29	2	2	2	0	2	0	2	0	2	0	2	4	2
30	2	2	1	0	2	0	0	2	0	0	0	2	1
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2.0

PERCENTAGE OF DATA VALID - 66.7

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 32.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26035 UNIROYAL 149 STRANGE ST. KITCHENER													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	0	0	2	0	0	3	0	4	1	
2	3	0	4	0	0	0	0	2	0	3	0	1	1	
3	0	0	2	0	2	2	0	0	2	0	0	2	1	
4	0	2	3	3	0	3	0	3	0	2	0	5	2	
5	3	2	7	2	2	2	2	0	1	2	3	0	2	
6	2	3	2	0	2	***	0	0	5	1	3	0	2	
7	2	2	0	3	2	0	3	3	0	2	1	2	2	
8	2	2	2	2	5	0	3	0	0	0	3	0	2	
9	0	2	0	2	2	4	2	0	2	0	1	0	1	
10	0	0	2	2	1	3	1	3	2	3	1	5	2	
11	3	2	6	3	0	1	2	1	3	2	3	5	3	
12	4	5	3	15	1	2	2	2	0	0	3	1	3	
13	0	2	2	2	2	5	1	2	5	1	3	3	2	
14	4	2	0	2	1	2	2	1	2	0	1	4	2	
15	2	5	0	2	0	3	3	0	2	0	0	3	2	
16	0	2	3	1	0	0	0	2	0	1	0	3	2	
17	0	1	0	1	3	2	0	0	2	0	0	0	1	
18	2	0	3	5	1	2	2	3	2	2	0	2	1	
19	2	2	3	3	2	3	0	3	2	0	2	0	2	
20	5	2	3	3	1	4	2	3	0	2	2	3	3	
21	1	3	3	1	2	2	0	2	2	0	6	2	2	
22	3	3	1	3	2	3	3	0	2	0	2	1	2	
23	2	2	0	3	0	0	0	0	1	0	0	0	1	
24	2	0	1	2	0	1	0	1	0	2	0	2	1	
25	2	2	2	2	2	3	2	0	2	0	2	1	2	
26	2	0	2	0	5	0	4	0	3	0	0	2	2	
27	3	2	0	2	0	0	2	2	0	3	0	2	2	
28	3	0	2	0	1	0	1	2	2	3	0	1	1	
29	1	0	0	0	0	0	0	3	1	2	0	2	1	
30	0	2	0	0	0	0	1	0	1	2	0	2	1	
31	0	2	2	0	2	0	2	1	0	1	0	2	1	
MEAN	2	2	2	2	1	2	1	1	1	1	1	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26035 UNIROYAL 149 STRANGE ST. KITCHENER													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	2	0	3	0	2	0	1	1	1	
2	2	2	0	4	1	5	2	0	3	1	2	0	2	
3	0	0	0	2	2	0	0	0	-	-	-	-	*****	
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	1	1	0	2	2	2	2	0	3	1	2	1	1.2	

PERCENTAGE OF DATA VALID - 8.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 91.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26035 UNIROVAL 149 STRANGE ST. KITCHENER

MONTH - SEP 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11	-	-	-	-	-	-	-	5	3	6	2	1	*****
12	2	3	2	0	2	1	1	4	2	1	3	0	2
13	0	1	2	4	0	2	0	1	5	1	0	0	2
14	1	0	2	4	0	2	3	0	4	2	0	0	2
15	0	3	4	2	3	3	2	3	1	3	2	0	2
16	0	1	2	2	1	2	2	1	1	4	0	1	1
17	2	2	2	4	3	2	0	3	2	2	0	2	2
18	2	0	2	4	2	1	2	0	1	2	1	3	2
19	0	0	1	3	2	1	1	1	2	3	3	2	2
20	2	5	2	4	4	4	6	0	1	4	5	2	3
21	3	1	2	5	3	0	1	0	4	2	2	1	2
22	2	0	3	2	2	3	0	0	0	0	2	2	1
23	3	2	5	2	6	2	0	0	2	3	2	4	3
24	3	0	2	2	4	2	0	2	0	2	5	2	2
25	1	2	1	0	2	2	0	2	0	2	2	3	2
26	3	5	3	2	2	0	3	1	0	2	4	4	2
27	2	4	2	2	0	2	0	3	4	2	2	3	3
28	0	0	0	4	4	2	2	3	2	0	6	4	4
29	4	0	7	9	10	4	0	0	2	2	2	1	2
30	2	0	3	3	6	2	1	2	4	1	2	1	2
MEAN	2	2	2	3	3	2	1	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 64.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 35.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26035 UNIROVAL 149 STRANGE ST. KITCHENER

MONTH - OCT 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	2	0	5	0	2	0	1	3	3	2	2
2	1	0	1	2	4	0	0	0	0	1	2	3	1
3	4	4	3	6	4	9	5	2	2	2	2	4	4
4	0	1	0	2	2	2	0	0	0	0	2	2	1
5	-	-	-	-	-	0	2	3	0	3	0	2	*****
6	2	3	0	0	***	***	***	***	***	***	***	***	*****
7													
8													
9													
10													
11	****	****	****	****	****	****	****	****	0	1	2	3	*****
12	-	52	9	4	2	13	17	5	3	4	3	5	11
13	11	8	13	3	7	4	7	6	9	6	9	7	8
14	11	5	****	****	13	3	4	11	13	4	3	0	7
15	0	5	3	2	1	4	2	4	2	2	6	3	3
16	7	2	2	5	4	0	6	9	5	6	4	7	5
17	6	3	****	****	****	****	****	****	****	****	****	****	*****
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	5	8	4	3	5	4	5	4	3	3	3	3	4.0

PERCENTAGE OF DATA VALID - 32.8

PERCENTAGE OF DATA INVALID - 54.3

PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26035 UNIROYAL 149 STRANGE ST. KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	21	2.0	4	12
MAY	24	2.5	5	15
JUN	20	2.0	4	8
JUL	31	1.6	3	15
AUG	2	1.2	2	5
SEP	19	2.1	4	10
OCT	9	4.0	11	52
YEAR	126	2.1	11	52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26035 UNIROYAL 149 STRANGE ST. KITCHENER

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	245	10	1	0	0	0	0	256
MAY	253	44	1	0	0	0	0	298
JUN	227	13	0	0	0	0	0	240
JUL	355	15	1	0	0	0	0	371
AUG	30	1	0	0	0	0	0	31
SEP	216	17	0	0	0	0	0	233
OCT	86	27	7	1	0	0	1	122
YEAR	1412	127	10	1	0	0	1	1551

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60.4	0	0.0	0.6	1.4	2.1	3.8	4.9	7.1	8.8	52	2.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - JAN 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	2	0	1	2	2	1	4	2	1	1
2	3	0	0	2	2	0	2	1	2	5	2	1	2
3	1	1	2	2	4	1	2	2	2	3	2	2	2
4	0	0	1	1	2	2	6	2	2	0	6	9	5
5	3	0	2	2	10	6	5	2	2	6	2	2	3
6	5	4	2	2	2	4	5	8	3	9	5	3	4
7	4	0	1	2	4	5	1	6	4	2	1	2	3
8	7	2	2	2	2	3	3	0	3	2	1	2	2
9	1	0	0	4	6	3	3	0	3	2	2	3	3
10	2	2	0	2	2	13	2	0	2	2	2	3	3
11	0	2	0	3	1	3	0	1	3	2	2	2	2
12	2	2	2	2	***	***	0	3	2	2	3	1	2
13	5	9	3	3	3	3	3	4	3	3	0	3	4
14	0	2	2	0	2	0	1	2	2	0	3	0	1
15	8	0	4	2	2	0	2	1	2	2	0	4	2
16	2	0	0	1	2	2	3	3	3	3	2	1	2
17	6	0	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	2	2	4	5	5	2	3	***
19	3	5	2	7	9	7	2	3	3	2	3	0	4
20	0	0	0	3	3	0	3	4	0	4	0	0	1
21	5	2	0	5	2	3	0	5	2	2	2	0	2
22	0	2	3	0	0	3	2	3	5	0	3	2	2
23	0	3	3	2	3	2	2	4	5	3	3	3	3
24	7	4	7	5	4	3	5	7	7	4	3	3	5
25	0	2	5	5	7	***	9	5	9	3	3	3	4
26	2	0	2	3	2	3	2	0	3	0	3	0	2
27	2	0	0	3	2	3	2	0	0	3	0	2	2
28	0	3	0	3	0	0	4	0	0	2	3	0	1
29	3	0	5	0	2	3	1	3	0	5	0	0	2
30	4	0	3	3	2	3	1	3	0	5	0	0	2
31	2	3	4	7	3	5	3	5	2	3	2	2	3
MEAN	3	2	2	3	3	3	3	3	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - FEB 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	0	2	***	0	2	3	4	4	2
2	2	3	2	1	2	2	3	6	5	6	4	4	3
3	0	3	1	4	2	3	4	3	2	3	4	0	3
4	4	2	2	0	1	1	0	0	6	6	5	11	3
5	6	5	2	7	3	0	5	0	2	0	2	2	3
6	0	2	2	0	4	4	0	2	0	0	3	0	2
7	0	2	0	1	4	***	2	3	2	2	2	2	3
8	2	0	2	2	2	2	3	6	5	4	4	2	4
9	6	5	4	4	8	3	7	5	2	2	4	3	2
10	5	2	2	2	2	2	3	3	2	3	0	3	2
11	5	4	2	2	5	2	0	6	2	2	2	0	3
12	2	3	2	2	2	0	2	2	2	3	2	1	2
13	2	0	2	2	2	2	2	2	2	0	3	0	2
14	2	0	3	7	2	0	2	2	0	9	2	2	2
15	5	3	4	3	6	4	1	7	6	6	6	3	5
16	5	2	4	3	6	4	2	3	5	7	2	6	4
17	2	4	0	5	6	3	2	4	2	7	2	4	3
18	7	2	4	2	3	2	1	2	1	1	5	2	3
19	2	3	2	3	2	1	4	2	2	2	3	2	2
20	3	0	3	5	4	2	4	2	4	2	9	2	3
21	9	2	6	4	10	21	8	4	4	6	8	0	7
22	2	2	3	2	4	3	7	2	2	0	7	0	3
23	0	5	0	3	2	4	4	2	5	2	4	4	3
24	4	4	3	3	3	3	2	0	2	3	2	3	3
25	2	2	3	4	4	6	0	1	2	4	4	4	3
26	0	7	2	4	2	2	0	2	0	4	2	2	2
27	0	4	1	2	2	0	3	7	2	5	0	0	2
28	0	3	2	2	6	2	4	0	2	3	6	4	3
MEAN	3	3	2	3	3	3	3	3	3	3	4	2	2.9

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	8	3	4	3	5	2	0	0	3	5	0	3	
2	5	0	1	2	0	3	0	3	5	0	4	2	2	
3	4	5	4	0	5	0	2	7	0	0	3	2	3	
4	0	2	3	0	2	2	2	5	0	0	5	2	2	
5	3	0	0	2	0	2	0	2	0	2	3	0	1	
6	4	0	2	2	5	5	0	7	2	4	4	5	3	
7	3	4	4	6	7	5	0	3	0	2	7	3	4	
8	3	5	5	6	5	5	***	4	3	3	5	3	4	
9	5	3	9	14	9	3	5	5	0	1	3	3	5	
10	2	2	4	3	5	5	7	5	6	4	7	2	4	
11	5	7	3	5	0	3	2	4	5	4	3	5	4	
12	12	9	3	8	5	4	3	0	3	2	2	7	5	
13	2	4	0	5	0	3	4	5	2	3	3	5	3	
14	9	4	3	3	2	***	7	5	2	7	2	3	4	
15	3	2	2	5	3	7	1	2	0	0	5	0	3	
16	5	3	2	7	0	5	2	0	2	2	0	2	3	
17	4	0	2	2	0	4	2	4	3	0	2	2	2	
18	2	9	0	2	0	0	0	3	3	0	0	2	2	
19	3	1	0	2	4	3	0	0	3	0	2	0	2	
20	0	3	0	3	2	0	2	1	2	1	2	3	2	
21	0	1	1	3	3	2	0	0	3	0	2	3	2	
22	2	1	3	0	2	3	2	1	2	2	2	1	2	
23	2	2	2	2	***	2	3	2	2	0	2	2	2	
24	2	2	1	2	1	2	2	1	1	0	0	2	1	
25	3	2	0	0	1	2	2	0	1	2	1	0	1	
26	1	3	0	2	2	1	1	2	0	0	2	2	1	
27	2	1	2	1	2	3	6	13	2	2	2	4	3	
28	1	2	0	0	1	2	0	2	4	2	3	0	1	
29	2	3	4	1	9	0	5	5	2	2	2	4	3	
30	2	1	2	3	10	0	0	0	2	2	2	0	2	
31	0	2	1	2	2	1	***	2	3	2	3	3	2	
MEAN	3	3	2	3	3	3	2	3	2	2	3	2	2.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	0	0	2	***	0	2	3	4	4	2	
2	2	3	2	1	2	2	3	6	5	6	4	4	3	
3	0	4	1	4	2	3	4	3	2	3	4	0	3	
4	4	2	2	0	1	1	0	0	6	6	5	11	3	
5	6	5	2	7	3	0	5	0	2	0	2	2	3	
6	0	2	2	0	4	4	0	2	0	0	3	0	1	
7	0	2	0	1	2	***	2	3	2	2	2	2	2	
8	2	0	2	2	2	2	3	6	5	4	4	2	3	
9	6	5	4	4	8	3	7	5	2	2	4	2	4	
10	5	2	2	2	2	2	3	3	2	3	0	3	2	
11	5	4	2	2	5	2	0	6	2	2	2	0	3	
12	2	3	2	2	2	0	2	2	2	3	2	1	2	
13	2	0	2	2	2	2	2	2	2	0	3	0	2	
14	2	0	3	2	2	0	2	2	0	9	2	2	2	
15	5	3	7	7	2	3	1	7	6	6	6	3	5	
16	5	2	4	3	6	4	2	3	5	7	2	6	4	
17	2	4	0	5	6	3	2	4	2	7	2	4	3	
18	7	2	4	2	3	2	1	2	1	1	5	2	3	
19	2	3	2	3	2	1	4	2	2	2	3	2	2	
20	3	0	3	5	4	2	4	2	4	2	9	2	3	
21	9	2	6	4	10	21	8	4	4	6	8	0	7	
22	2	2	3	2	4	3	7	2	2	0	7	0	3	
23	0	5	0	3	2	4	4	2	5	5	2	4	3	
24	4	4	3	3	3	3	2	0	2	2	3	2	3	
25	2	2	3	4	4	6	2	2	1	2	4	4	3	
26	0	7	2	4	2	2	0	2	0	4	0	2	2	
27	0	4	1	2	2	0	3	7	2	5	0	0	2	
28	0	3	2	2	6	2	4	0	2	3	6	4	3	
MEAN	3	3	2	3	3	3	3	3	3	3	4	2	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037	NORTH/GENEVA STREET, ST. CATHARINES					MONTH - MAR 78								
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	6	3	4	3	5	2	0	0	3	5	0	3	
2	5	0	1	2	0	3	0	3	5	0	4	2	2	
3	4	5	4	0	5	0	2	7	0	0	3	2	3	
4	0	2	3	0	2	2	2	5	0	0	5	2	2	
5	3	0	0	2	0	2	0	0	0	2	3	0	1	
6	4	0	2	6	7	5	0	7	2	4	4	5	3	
7	3	4	4	6	5	5	0	3	0	7	7	3	4	
8	3	5	5	6	5	5	***	4	3	3	5	3	4	
9	5	3	9	14	9	3	5	4	3	3	5	3	5	
10	2	2	4	3	5	5	7	5	6	4	7	2	4	
11	5	7	3	5	0	3	2	4	5	4	3	5	4	
12	12	9	3	8	5	4	3	0	3	2	3	7	5	
13	2	4	0	5	0	3	4	5	2	3	3	5	3	
14	9	4	3	3	2	***	7	5	2	7	2	3	4	
15	3	2	2	5	3	7	1	2	0	0	5	0	3	
16	5	3	2	7	0	5	2	0	2	2	0	2	3	
17	4	0	2	2	0	4	2	4	3	0	2	2	2	
18	2	9	0	2	0	0	0	3	3	3	0	2	2	
19	3	1	0	2	4	3	0	0	3	0	2	0	2	
20	0	3	0	3	2	0	2	1	2	1	2	3	2	
21	0	1	1	3	3	2	0	0	3	0	2	3	2	
22	2	1	3	0	2	3	2	1	2	2	2	1	2	
23	2	2	2	2	***	2	3	2	2	0	2	2	2	
24	2	2	1	2	1	2	2	1	1	0	0	2	1	
25	3	2	0	0	1	2	2	0	1	2	1	0	1	
26	1	3	0	2	2	1	1	2	0	0	2	2	1	
27	2	1	2	1	2	3	6	13	2	2	2	4	3	
28	1	2	0	0	1	2	0	2	4	2	2	0	1	
29	2	3	4	1	9	0	5	5	2	2	2	4	3	
30	2	1	2	3	10	3	0	0	2	2	2	0	2	
31	0	2	1	2	2	1	***	2	3	2	3	3	2	
MEAN	3	3	2	3	3	3	2	3	2	2	3	2	2.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037	NORTH/GENEVA STREET, ST. CATHARINES					MONTH - APR 78								
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	1	3	2	5	2	1	0	3	0	2	2	
2	0	0	0	3	1	2	2	0	1	0	3	4	1	
3	2	3	1	2	0	2	3	1	3	2	4	2	2	
4	4	1	4	4	3	4	6	5	5	7	6	2	4	
5	2	2	0	3	0	0	3	2	2	0	3	5	2	
6	7	3	6	8	0	0	2	2	3	2	3	0	3	
7	5	2	2	0	0	0	3	9	3	2	0	3	2	
8	0	3	2	0	2	0	0	0	1	0	3	2	1	
9	5	4	0	0	2	2	0	1	3	1	5	0	2	
10	4	2	1	0	2	3	0	3	2	2	5	2	2	
11	2	2	0	6	6	9	3	3	2	2	0	0	3	
12	4	0	2	0	2	1	1	0	0	7	2	2	2	
13	2	3	2	2	5	0	7	7	2	2	5	2	3	
14	0	3	0	3	5	5	4	1	4	1	2	2	3	
15	2	2	7	4	5	2	2	3	1	2	1	2	3	
16	0	2	0	0	3	0	2	1	0	3	0	2	1	
17	3	0	3	6	8	3	0	2	2	2	0	3	3	
18	2	4	7	2	2	0	2	2	3	2	2	3	3	
19	2	2	3	4	5	0	0	2	2	2	3	2	2	
20	2	3	0	1	0	2	0	3	5	1	2	0	2	
21	3	0	3	2	3	2	5	2	0	2	2	1	2	
22	2	2	3	3	2	0	2	2	2	0	1	4	2	
23	5	8	7	2	0	0	2	1	0	2	2	4	3	
24	3	3	3	2	10	5	2	0	0	2	2	4	3	
25	5	4	5	2	0	0	2	3	5	3	2	3	3	
26	2	2	4	2	2	1	2	0	0	2	3	4	2	
27	2	3	0	0	4	0	2	0	2	2	1	3	2	
28	2	3	1	0	4	3	2	3	2	2	0	4	2	
29	3	4	2	0	2	0	2	3	0	0	0	2	2	
30	2	0	2	0	0	0	2	0	3	2	0	2	1	
MEAN	3	2	2	2	3	2	2	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	5	0	5	5	2	2	1	0	0	2	
2	0	2	0	6	1	0	3	0	3	0	2	3	2	
3	2	0	4	3	6	7	2	0	0	2	1	5	3	
4	3	2	2	5	0	2	2	2	0	0	0	5	2	
5	2	0	3	2	2	0	2	2	2	2	1	2	2	
6	2	2	0	3	3	2	0	2	2	2	2	2	2	
7	1	0	2	3	3	2	0	2	2	2	2	2	2	
8	0	3	2	4	3	2	2	1	1	0	2	2	2	
9	2	0	3	0	2	3	3	4	2	0	2	1	2	
10	0	0	1	0	7	3	0	7	2	3	2	2	2	
11	2	2	0	2	2	3	2	2	0	2	2	2	2	
12	3	7	3	3	3	2	2	0	2	2	2	2	3	
13	2	3	3	3	0	2	2	0	3	1	0	2	2	
14	0	0	2	3	3	0	3	0	0	0	0	0	1	
15	1	2	0	2	0	0	0	2	2	0	0	3	1	
16	0	0	2	2	2	2	3	0	0	2	2	0	1	
17	2	0	2	0	3	3	0	2	2	0	5	3	2	
18	2	0	3	4	2	0	***	***	***	0	3	3	2	
19	0	3	0	5	3	2	2	2	5	0	3	2	2	
20	2	3	3	3	2	5	3	0	3	2	2	0	2	
21	3	0	3	0	2	0	3	0	0	0	2	1	1	
22	0	2	0	2	2	0	0	0	2	0	2	7	1	
23	7	5	3	9	9	5	7	9	2	5	4	3	6	
24	3	5	5	9	2	5	2	6	2	3	4	7	4	
25	5	2	3	9	28	4	11	2	2	3	2	5	6	
26	3	5	3	5	5	3	5	2	3	3	0	3	4	
27	3	0	3	7	3	2	5	7	4	3	2	5	4	
28	3	6	4	6	0	0	0	0	0	0	3	3	2	
29	3	3	2	5	3	0	7	0	2	2	3	2	3	
30	2	1	5	2	3	3	3	2	2	5	0	3	3	
31	0	0	2	3	2	3	3	2	2	0	5	0	2	
MEAN	2	2	2	4	3	2	3	2	2	1	2	3	2.3	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	2	13	2	0	4	2	2	0	2	
2	2	2	2	0	2	2	3	2	2	0	0	2	2	
3	0	0	2	1	0	3	0	1	1	0	0	2	1	
4	3	2	1	2	2	3	0	2	1	2	1	0	2	
5	2	0	6	0	0	2	6	2	0	2	2	1	2	
6	1	2	2	2	4	0	1	2	0	2	2	1	2	
7	2	0	2	2	3	2	2	4	1	3	2	0	2	
8	4	2	0	3	2	4	5	2	1	3	1	2	2	
9	1	0	0	3	10	3	0	2	2	0	0	0	2	
10	0	4	2	2	2	1	1	0	0	2	0	1	1	
11	1	2	1	2	2	2	4	2	0	2	3	0	2	
12	2	2	0	3	2	2	1	0	0	1	0	2	1	
13	2	0	1	2	1	2	0	0	2	1	-	-	1	
14														
15														
16														
17	2	0	0	2	1	1	2	2	2	0	0	0	*****	
18	2	2	0	0	4	2	2	0	2	2	2	2	1	
19	2	1	2	3	2	0	1	2	0	3	1	1	2	
20	2	2	5	2	5	2	2	4	1	3	3	3	3	
21	3	3	6	4	5	5	2	1	2	2	3	2	3	
22	1	2	2	4	1	2	2	2	2	0	2	3	2	
23	0	0	0	3	0	2	2	2	4	2	2	2	2	
24	2	0	3	0	3	3	3	3	0	0	2	4	2	
25	1	3	3	0	2	0	2	0	2	2	2	2	2	
26	1	0	2	2	2	0	2	4	0	3	1	1	2	
27	2	0	5	2	2	1	5	2	6	0	3	2	3	
28	2	2	3	4	4	5	2	3	2	4	2	0	3	
29	2	2	1	2	4	1	2	2	2	3	2	0	2	
30	2	3	0	3	0	3	0	2	3	0	1	0	1	
MEAN	2	1	2	2	2	2	2	2	2	2	2	1	1.8	

PERCENTAGE OF DATA VALID - 90.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 9.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO. 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - JUL 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	1	3	0	0	2	0	3	0	3	3	2
2	1	7	2	0	4	0	2	2	2	0	2	0	2
3	1	4	0	0	3	0	2	1	0	0	4	1	1
4	1	2	0	2	3	2	0	2	2	2	2	0	2
5	2	3	0	2	4	2	2	0	2	2	1	2	2
6	0	2	2	2	0	0	5	0	3	3	2	2	2
7	2	3	2	5	3	4	0	0	0	0	3	2	2
8	3	0	0	3	0	2	3	2	0	3	0	0	1
9	0	2	0	0	2	0	0	2	0	2	0	0	1
10	0	2	0	2	0	2	2	1	0	0	2	0	1
11	1	0	3	0	5	0	2	0	0	2	1	3	1
12	3	0	0	1	1	2	0	0	0	0	2	0	1
13	0	3	2	1	2	5	3	3	3	0	0	0	2
14	0	1	0	3	5	2	0	3	0	3	3	0	2
15	3	0	2	2	0	2	2	0	0	1	0	2	1
16	2	0	1	5	1	0	2	4	0	0	0	2	1
17	2	0	2	0	1	2	0	2	1	3	0	3	1
18	0	3	1	6	3	0	0	2	0	2	3	0	2
19	2	2	3	2	5	0	2	3	3	2	5	0	2
20	3	5	2	3	2	0	2	3	0	2	3	3	2
21	1	3	2	4	2	3	3	3	3	0	2	2	2
22	0	2	2	2	2	2	0	2	2	2	0	2	1
23	2	2	0	0	1	2	0	2	0	0	2	0	1
24	3	3	0	0	6	0	0	1	2	3	0	3	2
25	2	5	3	3	0	3	0	2	0	3	2	0	2
26	2	3	0	4	2	0	2	3	0	2	3	0	2
27	0	0	0	3	2	2	3	1	3	0	2	1	1
28	2	0	2	0	3	2	5	1	0	0	2	0	1
29	0	0	1	1	5	2	2	2	3	2	0	2	2
30	3	0	2	1	2	1	0	1	0	0	2	2	1
31	0	0	2	1	2	3	2	0	0	2	2	2	1
MEAN	1	2	1	2	2	1	2	1	1	1	2	1	1.6

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO. 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - AUG 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	3	2	3	2	5	0	2	2	2
2	2	3	3	3	2	2	2	1	3	2	3	2	2
3	2	2	0	3	0	0	3	1	0	3	2	1	1
4	0	2	1	2	3	0	0	0	0	1	1	0	1
5	2	0	2	0	2	3	0	2	0	1	0	2	1
6	2	2	1	1	2	0	0	2	2	0	5	2	2
7	2	3	2	2	3	0	0	2	2	0	1	2	2
8	2	2	2	2	0	2	3	3	0	2	0	1	2
9	2	1	0	2	2	1	2	3	0	0	0	3	1
10	0	2	3	0	4	0	1	1	0	3	3	3	2
11	2	6	3	3	5	0	2	0	3	0	4	8	3
12	1	2	1	2	5	2	1	4	0	2	0	0	2
13	3	0	2	1	2	0	2	2	0	2	0	2	1
14	0	2	3	2	5	2	3	2	3	2	1	3	2
15	1	2	3	2	3	2	2	1	0	2	0	2	2
16	0	3	0	3	0	0	2	0	1	2	0	2	1
17	0	0	0	0	1	0	0	2	0	5	0	3	1
18	0	2	2	3	5	0	3	3	2	2	0	3	2
19	1	0	0	2	3	0	1	0	2	2	2	0	1
20	2	0	2	0	0	2	0	1	0	0	0	0	1
21	2	0	5	2	2	0	2	2	0	3	2	2	2
22	4	1	4	2	4	5	2	2	0	3	2	1	3
23	2	0	2	2	2	3	0	1	0	3	0	2	1
24	0	2	2	3	2	3	4	2	3	2	0	0	2
25	2	2	0	3	0	3	0	2	3	2	2	2	2
26	3	3	0	2	2	0	3	0	0	0	5	0	2
27	1	3	0	0	2	0	0	1	0	0	2	1	1
28	1	1	2	3	0	3	2	0	2	1	0	2	1
29	0	0	0	2	***	0	0	5	0	1	0	0	1
30	3	2	2	5	3	0	0	1	0	2	0	0	2
31	0	1	0	2	0	0	0	2	2	0	2	2	1
MEAN	1	2	2	2	2	1	1	2	1	1	1	2	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	3	0	0	3	0	5	0	2	0	1	
2	3	2	0	3	2	0	0	0	2	3	2	0	1	
3	3	2	0	3	0	2	2	0	1	0	1	0	1	
4	2	0	0	0	0	3	0	0	0	0	0	2	1	
5	0	0	2	0	5	2	2	0	1	1	0	1	1	
6	3	3	0	1	2	1	2	3	0	4	3	2	2	
7	0	1	2	1	0	2	2	1	0	0	0	0	1	
8	0	0	1	0	3	4	2	***	1	0	2	2	1	
9	1	0	0	1	0	0	0	0	1	0	0	1	0	
10	1	1	1	0	1	0	2	2	0	0	0	0	1	
11	3	1	2	2	2	4	2	1	1	0	0	2	2	
12	0	0	2	2	0	0	2	0	0	1	0	1	1	
13	0	1	1	0	1	0	1	2	0	1	0	2	1	
14	0	0	0	1	1	3	0	2	0	1	0	1	1	
15	0	0	0	1	0	1	0	2	0	2	2	0	1	
16	3	1	0	1	3	2	0	3	1	0	2	0	1	
17	1	0	0	1	0	2	2	1	0	1	2	1	1	
18	0	0	2	0	2	2	1	0	5	0	4	0	1	
19	2	2	1	0	1	2	2	0	3	3	0	0	1	
20	3	3	0	3	5	5	2	3	2	7	3	3	3	
21	2	0	2	3	1	5	1	2	0	0	0	2	2	
22	0	2	0	0	3	3	0	0	0	3	5	2	2	
23	5	0	2	5	3	0	2	5	0	2	1	2	2	
24	2	3	0	2	5	3	1	0	2	0	0	2	2	
25	0	2	2	2	2	2	3	0	2	0	0	0	1	
26	0	2	2	2	2	2	1	0	0	0	3	0	1	
27	2	2	0	0	0	0	0	3	0	4	3	0	1	
28	2	0	0	0	1	3	2	0	0	5	2	3	2	
29	2	2	7	2	0	0	2	2	0	3	2	2	2	
30	0	5	0	3	2	2	2	3	3	3	3	3	2	
MEAN	1	1	1	1	2	2	1	1	1	2	1	1	1.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	2	0	0	2	2	0	0	3	1	
2	0	0	3	0	0	2	2	0	5	0	3	5	2	
3	3	5	7	4	2	0	2	3	5	0	3	0	3	
4	0	2	0	2	2	2	0	3	3	4	0	2	2	
5	0	0	4	0	0	3	2	0	1	0	1	0	1	
6	3	3	2	1	1	2	0	2	1	1	2	0	2	
7	3	3	0	1	0	3	0	2	0	0	2	0	1	
8	0	0	2	0	0	2	0	0	2	0	2	0	1	
9	0	2	1	0	0	3	0	0	2	2	0	3	1	
10	1	1	2	1	2	4	0	2	1	3	0	2	2	
11	1	0	3	0	2	0	2	3	0	0	0	2	1	
12	0	3	2	3	2	1	1	0	1	0	2	2	1	
13	0	2	0	2	0	4	0	3	0	1	0	1	1	
14	2	0	2	0	0	2	2	0	5	0	2	0	1	
15	0	1	0	1	0	2	0	0	1	4	0	0	1	
16	4	3	3	2	1	0	2	3	0	1	2	2	2	
17	6	2	5	1	3	0	1	2	0	2	8	1	3	
18	2	3	2	2	1	2	2	2	3	0	4	0	2	
19	2	0	2	3	0	3	0	0	0	0	0	2	1	
20	0	2	2	1	0	0	2	2	0	1	2	1	1	
21	0	2	0	2	0	3	1	3	3	1	2	0	1	
22	2	1	2	0	0	0	1	2	2	2	0	0	1	
23	1	1	1	2	0	0	2	0	2	0	2	0	1	
24	1	0	0	1	4	0	2	0	3	3	3	0	1	
25	2	0	0	2	0	2	3	0	1	0	0	1	1	
26	0	1	2	0	3	1	0	2	1	1	0	3	1	
27	0	1	0	1	0	0	2	0	1	2	0	0	1	
28	0	0	2	0	2	2	0	0	2	0	0	0	1	
29	2	0	0	1	0	0	2	0	0	1	0	0	1	
30	2	0	2	6	0	0	0	1	2	0	2	1	1	
31	0	0	1	2	0	6	7	3	7	0	2	1	2	
MEAN	1	1	2	1	1	2	1	1	2	1	2	1	1.3	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH - NOV 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	5	3	1	0	2	0	3	2	1	2
2	3	0	2	0	2	2	3	0	3	2	3	1	2
3	3	1	6	6	7	0	5	0	5	6	2	4	4
4	2	4	6	3	2	5	4	6	1	5	5	3	4
5	6	3	2	5	1	2	3	3	5	6	3	6	4
6	2	5	3	5	1	5	2	6	1	2	2	2	3
7	0	1	2	0	3	2	2	0	1	2	2	3	2
8	2	3	3	3	4	0	3	1	3	0	3	0	2
9	0	2	0	3	2	4	1	2	3	1	3	2	2
10	2	1	2	2	5	3	2	7	4	2	9	3	4
11	0	2	5	3	4	3	4	3	2	5	2	1	3
12	0	0	0	1	0	3	0	0	0	0	2	1	1
13	2	0	2	2	4	3	5	5	2	2	0	0	2
14	2	3	3	1	2	0	3	3	0	0	2	0	2
15	0	1	2	2	2	2	0	2	3	5	2	0	2
16	3	3	3	5	2	0	0	2	3	-	-	-	2
17	-	-	-	-	-	2	3	0	0	0	0	3	*****
18	2	3	0	7	0	2	0	2	0	2	0	0	2
19	2	4	2	0	0	0	0	0	0	0	9	0	1
20	2	1	0	5	0	1	0	3	0	3	2	0	1
21	3	4	0	3	2	3	0	3	6	3	6	2	3
22	0	5	5	0	4	0	0	8	5	2	1	5	3
23	2	4	4	2	1	6	2	2	3	0	0	2	2
24	0	0	5	0	1	0	6	0	4	2	3	0	2
25	0	4	3	0	0	2	5	2	0	1	0	0	1
26	5	3	2	0	2	2	5	3	0	0	3	0	2
27	2	2	0	3	2	8	7	2	3	0	2	2	3
28	2	0	2	0	7	9	4	3	2	4	3	0	3
29	4	0	0	5	2	5	0	5	6	0	0	2	2
30	0	1	0	0	3	3	3	8	7	1	2	0	2
MEAN	2	2	2	2	2	3	2	3	2	2	3	1	2.3

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH - DEC 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	0	2	15	0	6	0	0	2	5	0	3
2	3	0	2	0	0	3	0	0	3	3	2	0	1
3	1	2	0	0	3	0	2	0	4	0	0	2	2
4	3	0	0	0	0	3	1	2	0	0	4	1	1
5	0	0	0	0	1	0	1	0	7	1	0	0	1
6	0	0	0	0	3	4	1	2	0	2	5	3	2
7	2	3	2	4	0	2	2	7	7	5	8	4	4
8	4	2	2	5	2	7	2	8	0	2	2	2	3
9	0	0	0	0	0	0	0	0	0	3	2	3	1
10	2	0	0	2	0	0	4	1	2	0	2	1	1
11	2	0	2	6	7	3	7	6	3	4	2	0	4
12	0	4	1	0	2	0	7	2	2	2	0	0	2
13	0	1	0	0	1	0	0	0	2	0	0	0	1
14	5	2	0	0	0	0	0	0	0	0	5	1	1
15	1	0	3	0	0	2	0	0	2	2	0	3	3
16	4	2	0	1	5	3	0	2	2	4	5	2	2
17	2	7	0	0	5	6	0	0	5	0	2	0	1
18	0	0	0	0	1	1	0	0	0	0	6	5	3
19	0	0	0	3	3	0	2	2	3	3	2	3	2
20	4	0	3	4	2	3	0	0	3	7	3	1	3
21	0	3	1	0	1	5	4	2	1	1	4	0	2
22	0	3	1	1	2	0	2	2	0	0	0	0	1
23	0	0	3	2	2	0	3	0	1	0	5	5	2
24	2	2	3	1	3	3	0	0	1	1	2	2	2
25	3	5	0	1	2	0	0	0	2	1	0	0	1
26	2	0	0	2	1	0	1	0	1	4	0	1	1
27	0	2	0	1	0	3	0	2	0	2	0	2	1
28	4	2	0	2	3	2	1	0	0	5	6	5	3
29	3	3	2	2	7	7	0	0	1	2	2	1	2
30	7	2	3	0	3	5	8	2	3	3	1	***	3
31	- DATA UNAVAILABLE -												
MEAN	2	2	1	1	2	2	2	2	2	2	2	1	1.8

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.5	5	13
FEB	28	2.9	7	21
MAR	31	2.6	5	14
APR	30	2.2	4	10
MAY	31	2.3	6	28
JUN	27	1.8	3	13
JUL	31	1.6	2	7
AUG	31	1.5	3	8
SEP	30	1.3	3	7
OCT	31	1.3	3	8
NOV	29	2.3	4	9
DEC	30	1.8	4	15
YEAR	358	2.0	7	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	301	52	1	0	0	0	0	354
FEB	274	58	1	0	1	0	0	334
MAR	301	64	3	0	0	0	0	368
APR	319	41	0	0	0	0	0	360
MAY	317	50	1	0	1	0	0	369
JUN	312	14	1	0	0	0	0	327
JUL	357	15	0	0	0	0	0	372
AUG	357	14	0	0	0	0	0	371
SEP	344	15	0	0	0	0	0	359
OCT	359	13	0	0	0	0	0	372
NOV	296	56	0	0	0	0	0	352
DEC	320	38	1	0	0	0	0	359
YEAR	3857	430	8	0	2	0	0	4297

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.1	0	0.0	0.1	1.4	2.1	4.0	5.0	6.6	7.8	28	2.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JAN 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	2	2	2	3	4	4	3	2	0	0	3
2	2	6	2	2	2	1	6	1	2	2	0	2	2
3	1	3	3	2	3	0	0	0	6	2	2	3	2
4	3	2	6	3	6	2	2	5	3	3	2	3	3
5	3	4	7	9	9	1	9	3	7	6	7	7	6
6	8	3	5	5	5	3	3	4	6	6	5	4	5
7	6	5	5	3	5	2	7	9	6	9	11	6	6
8	11	9	8	7	3	3	2	5	5	4	0	4	5
9	0	0	2	1	3	3	2	2	0	3	2	0	2
10	0	2	0	5	2	2	3	3	0	0	0	2	2
11	0	3	2	0	2	2	1	3	5	1	1	3	2
12	5	2	2	0	4	2	6	2	2	4	5	3	3
13	5	6	4	7	9	3	6	1	8	2	4	2	5
14	2	4	1	2	3	2	5	2	4	2	2	0	2
15	4	2	0	2	2	0	2	0	3	2	1	1	2
16	0	1	2	0	2	2	2	1	2	3	2	4	2
17	2	2	2	3	2	4	8	5	6	5	2	0	3
18	0	3	0	5	2	3	3	0	2	6	9	2	3
19	7	4	3	5	9	1	2	4	3	3	2	2	4
20	3	2	2	5	2	2	6	3	3	6	2	3	3
21	0	3	0	2	0	0	1	2	1	2	2	6	2
22	1	4	0	0	5	2	2	2	4	0	2	2	2
23	0	2	2	4	2	2	0	2	8	4	6	2	3
24	3	2	4	6	4	4	4	4	6	2	5	3	4
25	3	2	4	4	18	6	10	9	8	1	6	3	6
26	5	2	1	4	2	2	3	4	9	3	0	2	3
27	0	2	2	1	2	3	0	2	0	1	0	4	1
28	2	0	3	2	2	1	2	2	2	2	2	0	2
29	2	1	1	0	3	3	1	4	0	2	0	3	2
30	0	2	0	3	2	2	0	2	0	0	1	2	1
31	2	1	2	1	2	2	4	0	5	2	1	2	2
MEAN	3	3	2	3	4	2	3	3	4	3	3	3	3.0

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - FEB 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	0	3	2	1	2	3	3	3	3	2
2	0	2	2	2	4	2	2	5	2	5	2	3	3
3	2	2	4	4	2	3	2	3	0	3	0	2	2
4	2	2	1	0	2	0	6	2	3	3	6	8	3
5	9	4	4	3	3	3	0	3	0	2	0	1	3
6	1	2	1	2	2	2	3	3	2	0	5	1	2
7	0	0	3	3	0	0	2	3	3	2	2	6	2
8	0	0	2	4	3	0	3	2	3	5	11	7	3
9	5	2	3	6	5	0	3	2	3	2	0	3	3
10	2	2	2	3	3	0	0	2	2	0	0	5	2
11	4	0	3	0	2	0	4	1	3	0	0	2	2
12	2	0	0	3	1	2	0	2	0	0	2	2	1
13	0	0	0	4	2	2	2	2	2	3	3	3	2
14	2	1	2	3	2	2	2	6	2	1	3	2	2
15	1	1	2	3	5	3	2	2	5	3	3	8	3
16	2	0	4	3	5	2	2	3	5	1	2	5	3
17	0	3	1	7	2	3	0	5	2	0	1	6	3
18	3	3	0	3	3	1	1	2	5	2	2	3	2
19	2	2	17	7	0	2	0	0	3	3	3	0	3
20	3	2	14	3	5	5	2	3	7	4	1	3	4
21	3	2	3	2	11	2	3	2	5	3	0	0	3
22	2	3	1	1	3	2	3	2	1	3	2	0	2
23	0	2	3	2	2	0	3	0	2	2	3	1	2
24	0	6	3	2	0	2	4	0	2	4	4	0	2
25	0	4	4	4	3	8	3	4	3	1	2	3	3
26	1	2	4	1	0	3	2	0	1	3	2	2	2
27	1	2	2	1	0	2	1	2	0	3	3	4	3
28	0	2	2	2	2	2	7	4	2	4	3	2	3
MEAN	2	2	3	3	3	2	2	2	3	2	2	3	2.4

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	3	1	0	1	2	2	2	0	4	2	2	
2	2	0	0	1	0	0	2	2	1	2	6	7	2	
3	5	4	8	6	3	2	7	3	9	0	3	2	4	
4	3	1	2	2	2	0	0	3	1	0	4	5	2	
5	2	1	2	1	1	0	2	0	2	0	1	3	1	
6	2	2	2	3	2	2	2	2	3	2	2	5	2	
7	5	3	2	3	6	3	1	3	3	3	2	3	3	
8	5	3	2	9	2	5	3	0	6	3	2	4	4	
9	6	4	2	6	5	5	1	3	5	3	3	0	4	
10	7	2	5	3	9	6	7	4	9	7	11	5	6	
11	3	6	3	1	2	2	4	2	2	5	8	2	3	
12	3	8	3	5	6	4	5	0	7	7	6	7	5	
13	7	11	7	5	0	-	-	-	-	-	-	-	*****	
14	-	-	-	-	0	5	3	2	4	4	-	-	3	
15	3	1	4	2	3	5	3	1	1	2	3	2	2	
16	2	0	1	3	3	4	2	4	7	3	2	2	2	
17	2	2	3	3	2	3	5	3	5	0	6	1	3	
18	2	1	2	0	2	2	0	2	0	3	2	0	1	
19	2	1	3	2	2	1	2	2	2	2	3	3	2	
20	0	0	3	8	0	3	2	5	6	7	4	6	2	
21	2	11	0	0	2	5	2	3	0	3	2	0	3	
22	0	3	2	0	2	3	0	1	3	0	3	2	2	
23	0	3	0	3	0	0	0	5	0	3	3	0	1	
24	0	2	3	2	2	3	2	5	0	6	2	2	2	
25	5	2	2	0	0	3	2	4	2	1	5	4	3	
26	2	4	3	5	4	0	3	0	5	3	2	3	3	
27	3	1	2	6	5	3	0	0	6	0	2	3	3	
28	0	5	0	0	2	0	0	3	5	1	3	3	2	
29	2	2	2	0	3	0	3	3	0	2	0	3	2	
30	2	1	3	0	5	0	3	2	0	2	0	3	2	
31	0	2	2	6	3	3	3	4	7	5	7	10	4	
MEAN	3	3	3	3	3	2	2	2	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	13	11	2	2	5	2	0	2	0	3	0	4	
2	2	2	2	1	0	2	5	2	7	2	3	7	3	
3	5	3	0	2	1	2	5	2	7	2	3	4	3	
4	0	5	3	11	9	12	11	16	15	5	6	2	8	
5	0	3	0	2	3	0	1	3	1	2	6	3	2	
6	2	4	5	7	4	2	9	5	6	5	6	5	5	
7	3	2	3	0	0	3	0	3	0	0	0	2	1	
8	2	2	0	0	2	2	0	2	0	0	0	3	1	
9	0	0	3	5	0	3	0	2	0	5	3	3	2	
10	0	3	9	3	7	7	5	5	7	5	5	7	5	
11	3	5	5	13	12	13	0	2	2	0	4	0	5	
12	0	0	0	2	0	****	0	0	2	0	2	3	1	
13	2	2	0	0	0	3	0	0	2	0	2	0	1	
14	2	0	0	0	0	3	2	0	2	0	0	0	1	
15	0	0	0	2	0	3	2	0	2	0	0	0	1	
16	0	3	2	0	3	0	0	0	0	2	2	0	1	
17	0	5	0	5	3	3	5	3	0	2	0	2	1	
18	5	6	3	3	12	15	3	3	5	3	7	2	3	
19	12	11	3	9	12	17	7	7	0	9	5	13	6	
20	9	5	5	5	3	2	5	0	4	0	2	2	8	
21	3	2	0	3	2	2	1	2	3	2	1	3	4	
22	2	1	4	3	2	0	3	2	3	2	4	2	2	
23	5	2	5	5	2	9	4	2	3	3	5	5	4	
24	5	7	2	4	8	4	7	3	3	3	3	3	4	
25	5	2	0	7	3	4	2	***	7	7	5	7	4	
26	9	8	9	5	7	9	5	5	7	2	3	3	6	
27	7	0	0	3	5	3	5	3	2	2	3	3	3	
28	0	2	0	4	0	4	2	3	0	3	5	0	2	
29	3	0	0	0	0	3	0	0	3	0	2	0	1	
30	3	0	0	2	2	0	0	2	0	2	2	1	1	
MEAN	3	3	2	4	3	5	3	3	3	3	3	3	3.2	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	0	3	0	0	0	3	3	0	0	1	
2	0	2	2	3	2	2	0	5	0	5	2	0	2	
3	0	3	3	2	***	0	2	0	3	0	2	3	2	
4	1	2	6	2	6	9	4	2	4	3	8	5	4	
5	7	8	9	11	5	9	7	4	4	7	7	5	7	
6	3	2	2	10	14	5	3	7	3	4	6	4	5	
7	2	5	3	6	0	5	6	7	2	9	5	6	5	
8	4	5	6	7	8	9	13	11	1	5	2	1	6	
9	3	2	3	5	***	-	-	-	-	-	-	-	*****	
10	- DATA UNAVAILABLE -													
11	- DATA UNAVAILABLE -													
12	- DATA UNAVAILABLE -													
13	- DATA UNAVAILABLE -													
14	- DATA UNAVAILABLE -													
15	- DATA UNAVAILABLE -													
16	-	-	-	-	-	9	5	6	9	0	3	4	*****	
17	2	0	5	4	6	7	10	5	5	4	2	4	5	
18	2	4	4	5	0	2	10	2	2	2	1	7	3	
19	2	0	3	3	0	4	1	2	1	3	2	0	2	
20	6	5	0	1	2	2	2	2	3	0	2	2	2	
21	2	1	0	0	2	0	1	1	2	1	1	2	1	
22	3	0	0	3	0	2	1	2	0	2	3	3	2	
23	4	5	6	7	5	13	4	13	14	17	8	10	9	
24	12	9	12	14	4	12	15	10	10	4	12	4	10	
25	10	10	7	8	3	2	2	0	3	2	5	2	5	
26	5	4	5	9	1	2	2	3	4	4	5	2	4	
27	8	7	3	5	13	14	20	15	12	12	8	3	10	
28	11	4	7	5	2	2	0	10	11	2	2	8	5	
29	2	4	3	5	0	2	4	2	11	15	15	5	6	
30	6	8	7	8	12	15	19	12	12	10	12	4	10	
31	2	2	2	5	2	3	2	1	2	0	3	4	2	
MEAN	4	4	4	5	4	5	6	5	5	5	5	4	4.7	

PERCENTAGE OF DATA VALID - 76.9 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 22.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	2	2	9	7	4	7	8	3	4	
2	2	3	2	2	4	3	2	2	0	1	2	2	2	
3	3	0	3	2	0	2	0	2	0	0	0	2	1	
4	2	2	3	0	2	1	1	0	1	2	2	3	2	
5	3	0	2	2	3	2	0	2	2	0	2	2	2	
6	1	1	4	4	***	2	2	0	2	4	2	2	2	
7	3	3	7	12	12	11	11	7	13	7	8	8	9	
8	9	3	2	2	2	2	2	3	0	0	1	2	2	
9	0	0	2	2	3	0	1	2	2	2	3	0	1	
10	2	0	2	4	4	9	8	6	3	0	2	4	4	
11	2	2	3	2	2	3	0	3	1	2	1	3	2	
12	0	2	2	2	3	2	2	2	0	2	4	0	1	
13	0	0	1	5	0	2	0	2	2	1	4	2	2	
14	2	0	3	3	0	***	4	4	2	5	2	0	1	
15	2	2	0	0	2	0	3	0	2	2	0	9	8	
16	2	3	4	7	12	9	12	10	10	4	9	9	5	
17	7	4	7	9	10	8	5	3	2	0	2	3	2	
18	1	0	2	4	3	2	3	2	3	3	3	2	3	
19	0	2	5	6	2	2	0	4	5	7	6	2	4	
20	3	2	2	4	4	0	6	4	5	7	6	2	4	
21	7	3	6	9	11	11	0	0	3	0	2	2	5	
22	3	2	1	2	2	0	2	0	3	2	2	0	2	
23	3	2	2	1	2	0	0	5	3	0	3	3	2	
24	0	4	1	5	5	6	0	2	3	0	3	1	3	
25	2	2	3	2	0	8	3	5	11	12	4	6	5	
26	6	3	6	3	***	3	6	2	3	4	4	0	3	
27	2	0	1	4	3	4	2	3	2	1	0	2	2	
28	0	3	3	1	0	0	0	3	2	0	0	1	1	
29	2	4	1	0	1	0	2	2	2	2	0	0	2	
30	0	2	2	2	1	6	4	2	3	2	0	0	1	
MEAN	2	2	3	3	3	3	3	3	3	2	3	2	2.8	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	0	0	2	1	0	0	2	0	2	3	1	
2	2	4	0	2	4	6	3	1	1	0	2	1	2	
3	0	2	2	2	2	0	1	3	2	4	0	2	1	
4	2	5	1	2	0	5	5	3	5	5	3	0	3	
5	0	2	2	5	0	2	0	2	0	2	2	0	0	
6	0	2	2	3	3	3	2	3	2	0	3	0	2	
7	2	4	3	2	2	3	2	2	0	0	0	3	2	
8	0	2	0	2	0	0	0	0	0	0	0	3	2	
9	0	0	0	2	0	0	0	0	0	0	0	2	1	
10	0	0	0	0	***	5	0	5	0	0	0	0	0	
11	2	0	0	0	2	3	0	0	2	0	0	0	1	
12	2	3	0	6	2	0	0	0	2	0	0	0	2	
13	0	0	3	3	2	2	2	3	2	2	2	5	2	
14	1	0	1	2	2	2	1	2	0	0	2	2	1	
15	3	3	0	0	0	2	2	0	3	0	0	2	1	
16	0	0	0	0	2	0	2	0	3	0	0	2	1	
17	2	0	0	2	0	0	0	2	0	0	0	0	1	
18	2	2	3	0	3	0	0	1	0	0	2	2	1	
19	0	4	0	2	7	2	0	2	1	2	0	4	2	
20	2	3	2	0	***	2	2	5	0	0	2	2	2	
21	0	0	0	4	3	3	6	0	0	2	3	0	2	
22	5	0	2	0	2	2	1	2	2	0	2	0	2	
23	0	0	0	0	0	2	1	0	0	0	0	2	0	
24	0	2	2	0	0	2	0	2	2	1	2	2	1	
25	2	3	0	5	5	2	3	8	5	4	0	1	3	
26	0	0	2	4	***	0	2	0	2	0	0	2	1	
27	2	0	2	0	2	1	2	2	2	0	2	0	1	
28	0	2	2	0	2	1	2	2	2	0	2	0	1	
29	0	2	2	1	1	2	0	0	2	0	0	2	1	
30	2	2	0	2	0	0	5	0	2	1	0	0	1	
31	0	3	2	2	2	2	2	2	2	1	1	2	2	
MEAN	1	2	1	2	2	2	1	2	1	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	0	***	1	0	0	0	2	2	0	1	
2	0	0	0	4	3	0	0	0	0	3	4	0	1	
3	0	0	0	2	2	0	0	0	0	2	1	0	1	
4	2	0	0	0	3	1	0	0	0	0	0	0	1	
5	0	0	0	0	2	3	0	0	0	0	2	0	1	
6	2	0	0	0	2	2	2	1	0	2	2	0	1	
7	3	0	0	0	0	2	5	0	0	0	0	3	1	
8	3	0	2	0	0	2	3	0	2	0	2	0	1	
9	0	2	0	0	0	0	***	0	0	2	3	1	1	
10	-	-	-	-	-	-	-	2	5	3	2	3	***	
11	2	2	3	5	3	7	5	7	7	2	0	2	4	
12	2	3	2	2	2	0	0	2	2	0	2	3	2	
13	0	2	0	2	2	0	2	0	3	2	0	3	1	
14	0	2	0	3	***	2	0	2	2	3	0	3	3	
15	1	0	2	2	3	2	0	2	2	3	0	3	2	
16	0	0	0	3	2	2	2	0	3	3	3	3	2	
17	2	0	0	0	1	0	2	0	0	3	2	2	1	
18	0	3	0	0	2	2	0	0	1	0	0	3	1	
19	3	0	0	3	2	2	5	5	3	2	7	2	3	
20	0	0	0	0	2	2	0	3	0	0	0	0	1	
21	0	0	2	2	4	3	2	***	2	4	3	3	2	
22	3	2	3	2	7	3	0	0	3	3	3	0	2	
23	1	4	1	5	3	6	7	2	1	2	3	0	2	
24	0	3	3	5	3	2	1	5	7	6	3	3	3	
25	0	3	3	1	2	3	0	3	2	5	4	6	3	
26	3	2	2	2	2	3	2	0	2	0	2	2	3	
27	1	1	3	2	2	1	3	2	2	3	1	7	2	
28	1	2	3	2	2	0	3	0	0	0	2	0	1	
29	0	3	0	2	2	0	3	0	0	0	2	0	1	
30	1	3	0	2	4	0	3	0	1	0	2	0	1	
31	2	0	0	2	2	3	5	***	5	5	0	2	2	
MEAN	1	1	1	2	2	2	2	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	0	1	2	3	3	5	3	0	0	3	2	2	2
2	2	0	1	2	2	2	1	0	3	0	1	2	1	2
3	2	3	2	2	3	2	2	2	0	3	2	2	2	2
4	2	2	0	2	0	2	1	2	5	0	0	0	2	2
5	0	2	2	3	2	2	5	2	4	1	1	2	2	2
6	5	0	3	2	0	4	1	4	5	2	1	0	3	3
7	2	5	5	5	2	2	5	3	0	2	0	0	2	2
8	0	0	5	7	5	4	2	2	2	2	0	0	2	2
9	2	1	2	3	2	2	2	3	2	2	3	6	2	2
10	2	0	2	2	3	2	3	3	2	1	3			
11	3	5	2	3	7	2	2	5	3	2	3	1	3	3
12	0	4	1	2	0	3	7	0	2	1	3	3	2	2
13	3	3	1	0	3	2	0	2	0	2	0	3	2	2
14	1	2	2	6	4	1	0	3	5	2	0	2	2	2
15	2	2	3	0	0	2	1	4	0	2	2	2	2	2
16	2	0	2	2	0	1	4	0	2	1	1	1	1	1
17	2	5	2	2	2	2	2	3	2	7	3	4	3	3
18	0	5	2	1	3	2	2	5	2	3	2	2	2	2
19	2	0	1	3	3	5	5	2	4	1	2	3	3	7
20	5	7	3	4	****	7	12	8	5	7	7	9		
21	3	4	1	2	4	5	0	4	2	1	1	4	3	3
22	1	8	0	2	2	4	3	3	2	5	2	3	3	3
23	3	3	2	2	4	3	5	3	2	2	2	2	2	2
24	0	2	3	0	2	0	2	0	2	6	3	1	2	2
25	2	1	1	3	****	3	0	2	0	2	0	0	2	2
26	3	0	3	3	3	2	2	2	0	3	3	0	2	2
27	2	2	1	5	2	5	0	5	0	2	4	3	2	2
28	2	0	3	1	2	2	2	3	2	2	3	2	4	4
29	3	4	9	11	3	5	3	2	3	3	1	1	3	3
30	7	2	5	5	3	5	3	2	3	3				
MEAN	2	2	2	3	2	3	3	3	2	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	1	0	2	2	2	2	0	2	1	2
2	0	0	5	3	2	1	0	1	3	2	3	4	2	2
3	0	3	2	5	***	***	***	***	***	***	***	***	***	***
4														
5														
6	***	***	***	***	***	0	2	2	2	0	1	0	***	***
7	0	2	0	0	0	0	0	0	0	3	0	0	0	0
8	0	0	3	2	0	0	2	0	0	2	0	3	1	1
9	2	4	0	0	0	0	0	0	0	0	0	0	0	0
10	2	3	0	2	2	2	5	2	2	3	2	2	2	2
11	2	0	5	7	0	3	0	4	7	5	0	0	3	3
12	2	0	2	0	***	2	2	0	2	0	4	2	1	1
13	0	0	2	2	4	2	0	0	0	0	0	0	1	1
14	2	0	0	0	0	0	3	0	2	2	3	2	1	1
15	2	0	3	0	0	0	0	0	4	3	2	3	2	2
16	3	2	2	2	2	0	2	0	2	0	2	0	1	1
17	2	2	1	0	***	1	3	3	0	0	0	2	1	1
18	2	0	5	3	3	2	2	0	0	3	0	0	2	2
19	5	0	7	5	0	0	3	3	0	2	0	0	1	1
20	0	0	0	3	3									
21	2	0	0	2	2	2	0	2	3	0	0	2	1	1
22	0	2	0	0	0	5	3	2	3	3	3	0	2	2
23	2	0	0	0	2	2	2	0	0	0	0	0	1	1
24	0	2	0	5	3	0	0	0	2	2	0	2	1	1
25	2	0	2	2	3	0	2	0	2	2	0	0	1	1
26	2	0	2	2	0	0	0	0	0	0	2	0	1	1
27	2	0	0	0	2	2	2	0	0	3	0	2	1	1
28	0	0	2	2	0	0	0	2	2	0	2	0	1	1
29	0	0	0	4	2	0	0	0	2	2	2	0	2	2
30	0	1	3	3	5	2	0	3	2	2				
31	3	0	3	2	4	3	3	***	0	2	0	0	2	2
MEAN	1	1	2	2	2	1	2	1	1	2	1	1	1.4	

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	4	3	4	0	2	2	0	0	1	
2	0	0	0	0	3	0	0	2	0	2	2	3	1	
3	2	2	5	4	9	17	9	7	13	5	12	12	8	
4	7	3	7	5	5	7	2	5	5	2	5	5	5	
5	2	5	7	7	7	9	3	3	3	5	2	3	5	
6	2	3	3	3	3	5	5	2	0	2	0	0	2	
7	2	0	0	3	0	***	0	0	3	2	0	4	1	
8	3	0	2	7	3	3	0	4	0	2	0	2	2	
9	2	0	2	0	0	3	0	2	2	2	2	3	2	
10	5	3	4	3	5	7	9	9	7	3	5	3	5	
11	3	4	3	3	4	3	2	4	2	3	3	0	3	
12	2	2	0	2	2	2	0	2	2	3	0	0	1	
13	0	2	0	2	2	3	3	7	4	2	4	2	3	
14	2	3	2	2	***	0	2	3	3	0	0	1	2	
15	2	0	0	2	0	3	2	0	3	2	0	4	1	
16	3	3	2	3	5	0	5	2	3	3	0	2	3	
17	0	3	2	2	5	3	3	3	0	1	2	3	2	
18	0	3	2	0	1	0	2	2	0	1	2	3	1	
19	0	0	0	3	3	0	0	2	0	0	2	3	1	
20	1	0	2	2	3	1	0	3	2	3	0	4	2	
21	2	2	3	3	2	3	0	***	5	4	0	3	2	
22	2	2	1	3	7	3	3	2	5	7	5	7	4	
23	5	5	7	9	9	7	3	3	0	2	0	5	5	
24	1	2	1	2	2	2	3	3	2	4	2	0	2	
25	0	2	2	2	0	2	0	2	2	2	2	0	1	
26	0	3	0	2	2	2	3	3	0	5	4	3	2	
27	2	0	2	3	***	2	5	0	7	4	3	7	3	
28	4	0	3	2	5	2	3	2	0	0	4	3	2	
29	2	2	3	5	4	0	3	3	5	2	5	3	3	
30	2	0	2	3	2	0	2	3	2	2	2	2	2	
MEAN	2	2	2	3	3	3	3	3	3	3	2	3	2.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	3	3	3	5	2	5	7	2	3	2	3	
2	0	0	0	0	3	0	2	4	0	4	0	3	1	
3	0	2	0	3	2	3	3	3	7	3	5	3	3	
4	2	2	2	0	0	2	0	2	2	2	0	2	1	
5	0	2	0	0	1	3	0	0	3	3	3	0	1	
6	2	3	3	3	4	3	2	0	2	2	2	0	2	
7	2	2	2	3	5	3	5	5	7	9	4	5	4	
8	7	0	5	5	5	7	3	3	5	2	0	2	4	
9	0	2	0	2	0	2	2	0	3	3	0	2	1	
10	0	3	0	0	2	2	2	0	2	2	1	2	1	
11	2	0	0	3	2	2	4	0	3	2	3	0	2	
12	3	2	3	3	0	1	2	0	3	2	2	3	2	
13	2	0	0	2	3	2	0	2	0	3	0	0	1	
14	1	0	0	2	0	0	2	0	2	0	2	0	1	
15	0	0	3	0	0	0	2	0	2	0	0	0	1	
16	2	2	5	2	7	2	3	2	7	3	3	3	3	
17	4	0	2	0	1	0	0	0	3	1	0	0	1	
18	2	0	0	2	2	0	3	2	5	2	3	2	2	
19	0	2	3	0	0	2	1	3	2	2	0	2	1	
20	5	3	2	3	3	2	2	3	3	3	7	7	4	
21	2	0	0	0	2	2	0	2	0	0	2	2	1	
22	3	2	1	2	5	3	1	3	2	2	0	0	2	
23	0	3	2	0	2	0	2	3	2	3	7	9	3	
24	13	5	5	2	7	5	0	3	2	3	3	2	4	
25	2	2	3	2	3	0	2	2	2	0	2	1	2	
26	0	0	0	0	2	1	2	2	5	0	0	0	1	
27	2	0	2	0	5	2	2	0	2	0	2	0	1	
28	3	2	0	0	3	2	4	2	3	2	4	3	2	
29	5	3	3	2	3	5	5	2	3	2	0	5	3	
30	5	2	3	3	2	5	3	5	9	9	9	5	5	
31	13	5	8	7	7	12	12	7	4	3	7	0	7	
MEAN	3	2	2	2	3	3	2	2	3	2	2	2	2.3	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	6	18
FEB	28	2.4	4	17
MAR	30	2.8	6	11
APR	30	3.2	8	17
MAY	23	4.7	10	20
JUN	30	2.8	9	13
JUL	31	1.4	3	8
AUG	29	1.7	4	9
SEP	30	2.4	7	12
OCT	27	1.4	3	7
NOV	30	2.6	8	17
DEC	31	2.3	7	13
YEAR	350	2.5	10	20

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	293	76	2	1	0	0	0	372
FEB	299	33	3	1	0	0	0	336
MAR	286	72	3	0	0	0	0	361
APR	258	83	15	2	0	0	0	358
MAY	171	84	28	3	0	0	0	286
JUN	299	46	12	0	0	0	0	357
JUL	348	21	0	0	0	0	0	369
AUG	330	25	0	0	0	0	0	355
SEP	308	48	2	0	0	0	0	358
OCT	317	15	0	0	0	0	0	332
NOV	297	55	3	1	0	0	0	356
DEC	318	50	4	0	0	0	0	372
YEAR	3524	608	72	8	0	0	0	4212

## FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY PERCENT OF DATA VALID	DISTRIBUTION BY PERCENTILES			CONCENTRATIONS							MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
96.2	0	0.0	0.8	1.6	2.5	4.9	6.8	9.7	11.6	20	2.5	

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 29009 KENILWORTH HAMILTON							MONTH - JAN 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	0	2	1	1	1	5	3	3	2
2	2	2	2	2	3	2	0	3	5	0	3	0	2
3	1	2	0	2	2	0	2	0	2	0	2	2	1
4	3	3	2	2	0	0	-	-	-	-	-	-	*****
5	- DATA UNAVAILABLE -												
6	- DATA UNAVAILABLE -												
7	- DATA UNAVAILABLE -												
8	- DATA UNAVAILABLE -												
9	- DATA UNAVAILABLE -												
10	- DATA UNAVAILABLE -												
11	- DATA UNAVAILABLE -												
12	-	-	-	-	-	-	-	3	2	3	2	0	*****
13	3	2	3	7	2	0	3	3	2	2	3	0	3
14	0	3	3	12	2	0	2	1	2	0	2	0	2
15	3	0	0	2	2	5	0	2	4	5	0	3	2
16	3	5	2	3	7	7	3	3	0	5	2	0	3
17	0	0	3	0	0	3	0	0	3	3	2	3	1
18	3	5	2	7	5	7	0	***	***	***	***	***	*****
19	***	***	***	***	***	4	5	0	5	2	2	2	*****
20	2	3	0	2	3	0	9	5	5	0	3	0	3
21	0	0	0	2	0	2	1	5	2	0	3	2	1
22	0	2	0	2	0	2	2	0	2	0	0	2	1
23	2	2	3	0	3	2	0	3	1	2	3	2	2
24	5	2	3	0	2	3	3	0	3	3	0	0	2
25	9	5	12	2	5	2	4	2	3	13	7	0	5
26	2	2	0	0	***	2	0	0	4	0	7	2	2
27	2	4	2	0	2	2	2	0	2	3	2	4	2
28	0	1	3	0	0	3	3	0	0	2	3	2	1
29	2	5	2	2	0	2	0	2	3	2	0	2	2
30	4	3	2	3	0	3	0	2	3	2	3	2	2
31	3	3	0	0	0	0	***	0	5	0	5	0	1
MEAN	2	3	2	2	2	2	2	2	3	2	3	1	2.2

PERCENTAGE OF DATA VALID - 70.7

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 26.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON														MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	2	5	3	2	3	2	2	2	3	2	2		
2	5	3	3	4	3	7	2	5	5	3	4	0	4		
3	3	2	3	9	9	2	3	2	0	2	2	0	3		
4	3	2	3	15	4	2	2	6	2	3	13	9	5		
5	8	12	4	7	9	3	2	0	2	4	2	5	5		
6	2	2	2	3	0	1	0	0	1	0	2	3	1		
7	0	3	0	2	0	2	1	4	2	4	0	2	2		
8	2	2	3	2	1	4	3	4	9	5	5	3	4		
9	2	9	5	2	4	2	3	0	1	2	2	2	3		
10	3	0	2	2	3	2	0	0	0	2	1	2	1		
11	2	0	0	0	2	2	0	0	1	0	2	0	1		
12	0	0	0	0	3	0	0	0	2	0	2	0	1		
13	0	2	3	2	2	3	0	0	0	3	7	4	2		
14	2	3	0	2	2	5	5	2	0	3	0	3	2		
15	1	3	2	2	3	2	2	2	2	3	2	2	2		
16	3	0	0	5	***	3	3	2	2	4	2	0	2		
17	3	3	0	4	2	2	0	4	1	0	1	4	2		
18	2	1	3	2	2	4	2	1	2	3	1	1	2		
19	2	2	0	2	3	2	2	0	0	1	2	2	2		
20	2	2	3	4	3	0	3	2	2	2	2	4	2		
21	0	2	2	4	3	6	2	2	1	1	3	2	2		
22	2	0	1	2	3	0	2	1	1	0	2	0	1		
23	3	0	1	2	0	0	2	2	0	2	0	3	1		
24	1	0	2	3	0	2	1	2	2	1	2	1	1		
25	0	3	2	3	4	2	3	0	2	2	2	3	2		
26	0	3	0	0	1	0	2	1	1	0	0	0	1		
27	2	3	1	4	0	1	2	2	0	0	2	1	2		
28	1	2	1	4	2	2	0	2	0	2	0	2	2		
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2.1		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	5	4	0	2	3	2	2	1	3	1	2
2	0	2	3	2	***	2	0	0	0	0	4	2	1
3	5	2	2	2	0	2	3	0	2	1	0	0	1
4	0	0	0	2	0	0	0	0	3	0	2	0	1
5	1	0	0	0	0	2	2	0	0	0	0	0	0
6	2	0	2	2	3	2	3	0	0	0	2	0	2
7	2	0	2	5	4	2	0	2	2	2	0	0	2
8	2	0	2	3	***	0	2	0	0	4	3	4	2
9	7	7	4	9	2	2	0	3	0	3	0	3	3
10	0	2	0	3	2	2	0	3	2	3	5	2	2
11	3	0	2	2	0	2	2	0	2	2	2	3	2
12	6	3	4	2	0	2	2	0	2	2	4	5	3
13	5	2	3	5	2	0	2	0	0	1	2	0	2
14	2	3	3	1	***	0	1	0	0	0	3	0	1
15	0	0	1	0	2	0	2	2	0	2	0	1	1
16	0	3	3	2	0	0	0	2	0	2	0	0	1
17	0	0	2	2	1	0	1	0	0	0	0	2	1
18	0	2	0	0	0	0	0	0	0	2	2	2	1
19	2	2	0	2	0	1	2	2	2	3	0	0	1
20	0	0	2	3	0	1	0	2	0	3	0	0	1
21	0	5	0	2	0	3	2	0	2	0	0	0	1
22	2	0	1	0	0	2	2	2	2	0	1	0	1
23	0	0	3	0	***	0	0	0	0	0	2	2	1
24	2	1	2	0	0	0	2	0	0	0	3	0	1
25	1	0	3	0	0	0	0	0	0	0	0	0	1
26	0	2	1	0	0	0	3	2	0	0	0	0	1
27	1	0	1	3	1	2	2	0	2	2	0	0	1
28	0	0	0	2	0	2	0	0	3	0	0	2	1
29	0	2	2	3	0	0	2	0	1	0	3	2	2
30	3	0	2	2	***	0	0	2	0	2	0	0	1
31	3	0	2	2	2	0	0	2	2	0	3	2	2
MEAN	2	1	2	2	1	1	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - APR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	1	2	0	0	0	2	0	2	1	1
2	0	0	2	0	2	0	0	0	2	0	0	0	1
3	0	0	0	0	0	0	2	0	3	3	2	2	1
4	2	0	2	2	1	2	5	3	7	8	3	0	3
5	2	2	0	1	0	0	2	0	0	0	7	2	1
6	2	7	3	3	2	0	3	0	0	0	3	2	2
7	3	0	0	0	1	0	2	0	1	0	2	0	1
8	0	2	1	1	1	0	2	0	2	0	2	2	1
9	2	0	0	2	0	3	0	0	2	0	0	0	1
10	2	0	2	3	0	3	2	2	0	2	0	0	1
11	2	2	2	3	5	13	0	2	3	3	0	2	3
12	2	1	0	0	***	0	0	2	0	0	2	0	1
13	0	0	2	0	2	0	0	1	2	0	2	0	1
14	2	0	0	0	2	0	0	2	2	0	1	0	1
15	0	0	0	0	1	0	1	0	3	2	0	0	1
16	2	3	0	1	3	2	0	3	0	2	0	3	2
17	0	1	3	6	2	1	5	0	5	2	0	4	3
18	7	2	5	3	3	3	2	0	2	2	0	0	1
19	4	0	2	3	0	2	2	2	0	1	0	0	2
20	2	3	0	2	2	3	0	5	2	0	3	0	1
21	2	0	2	0	2	1	0	2	0	2	0	2	1
22	2	2	3	2	1	2	0	2	0	0	3	0	1
23	2	2	2	0	5	0	5	0	0	0	0	2	2
24	3	5	2	3	5	2	0	0	5	0	0	3	3
25	0	5	0	4	4	0	0	0	0	0	0	5	2
26	0	2	3	0	2	0	2	0	3	1	2	2	1
27	3	3	3	2	1	2	0	3	5	1	4	2	2
28	2	2	0	1	1	0	2	5	0	0	2	1	1
29	0	2	0	0	2	0	0	2	2	2	2	0	1
30	2	2	1	0	2	0	0	1	1	0	0	1	1
MEAN	2	2	1	1	2	1	1	1	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	2	1	0	2	0	0	0	0	1	
2	2	2	0	2	0	1	2	7	1	0	1	0	2	
3	2	2	2	***	2	0	2	3	2	2	2	0	2	
4	2	2	2	4	0	2	5	1	0	2	1	3	2	
5	0	1	1	4	2	0	5	2	4	2	2	1	2	
6	0	2	2	2	3	4	3	0	2	3	2	3	2	
7	3	2	4	2	4	2	2	0	0	2	2	1	2	
8	0	2	2	3	4	3	8	4	8	4	0	0	3	
9	2	0	2	***	0	1	0	2	0	3	0	0	1	
10	0	2	0	1	1	0	1	2	0	1	2	0	1	
11	2	0	2	2	2	2	0	2	2	2	3	2	2	
12	5	6	2	4	6	3	8	7	0	4	2	2	4	
13	1	3	2	6	2	4	6	0	3	1	0	0	2	
14	2	2	0	1	0	1	4	0	2	0	0	4	2	
15	2	0	2	0	3	0	0	0	3	2	0	2	1	
16	1	0	2	0	0	1	2	2	0	0	7	2	1	
17	2	4	2	4	2	4	4	0	2	1	2	5	3	
18	2	0	2	3	1	2	2	0	1	2	0	2	1	
19	1	2	4	2	2	0	2	0	0	2	0	2	1	
20	2	3	0	1	1	2	2	0	0	0	1	0	1	
21	0	3	0	0	0	4	0	2	0	2	2	0	1	
22	2	0	3	1	1	0	0	0	2	0	5	0	1	
23	2	3	0	2	1	4	2	2	0	4	2	5	2	
24	4	5	3	7	3	2	3	4	0	2	7	2	4	
25	4	2	5	2	2	0	2	0	1	2	0	1	2	
26	0	2	0	2	0	2	2	3	2	2	1	0	1	
27	3	2	1	6	2	3	4	5	1	3	1	4	3	
28	6	0	5	2	1	2	2	3	0	1	2	2	2	
29	0	0	2	1	3	2	2	7	1	3	2	2	2	
30	3	2	4	6	3	4	3	2	4	1	2	0	3	
31	3	0	0	4	2	2	0	0	2	0	2	2	1	
MEAN	2	2	2	3	2	2	3	2	1	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	1	3	0	2	2	0	4	2	2	1	
2	1	1	3	0	1	2	2	0	0	1	2	0	1	
3	3	2	1	0	2	0	0	2	0	0	1	1	1	
4	0	1	2	1	1	2	0	3	1	1	0	1	1	
5	2	1	0	0	0	0	1	2	1	0	0	2	1	
6	2	0	2	0	0	0	2	0	0	2	0	0	1	
7	0	1	4	3	5	4	2	7	4	2	1	5	3	
8	2	0	0	1	2	2	0	1	2	1	2	0	1	
9	3	2	1	1	0	1	0	2	1	1	0	0	1	
10	0	2	1	2	1	0	0	0	1	0	0	1	1	
11	1	2	2	1	2	2	1	2	0	0	0	1	1	
12	0	0	0	0	2	1	1	1	0	1	1	1	1	
13	0	0	2	2	0	2	0	1	0	1	2	0	1	
14	2	2	0	1	***	0	2	2	0	0	0	0	1	
15	2	0	2	4	2	2	0	0	2	0	2	3	2	
16	1	1	3	7	2	2	3	2	2	1	2	3	2	
17	3	2	2	3	3	2	1	1	2	0	2	2	2	
18	1	0	2	1	1	2	1	0	2	0	0	0	1	
19	1	0	0	1	1	2	0	0	2	0	2	3	1	
20	0	2	0	2	2	1	2	1	1	1	2	0	1	
21	0	2	2	4	3	3	1	0	0	1	2	0	2	
22	0	1	1	0	1	1	2	1	0	0	0	1	1	
23	0	1	0	0	2	1	2	0	0	1	2	1	1	
24	0	0	0	3	1	0	2	1	0	2	2	1	1	
25	0	2	0	0	0	0	2	1	1	2	1	1	1	
26	0	2	1	***	1	1	0	0	2	0	0	3	1	
27	0	2	1	2	2	0	4	0	3	2	0	2	2	
28	0	0	0	1	0	2	0	1	0	5	0	2	1	
29	0	1	2	2	0	0	0	2	0	0	0	5	1	
30	0	0	3	0	2	2	0	0	2	0	0	0	1	
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	3	1	0	1	0	3	2	0	0	3	1	1
2	0	2	0	3	3	0	0	0	2	2	0	2	1	1
3	2	2	2	0	2	0	2	3	0	0	5	0	2	2
4	2	0	2	3	****	1	0	2	1	2	1	8	1	2
5	1	1	4	4	1	0	2	0	4	2	2	1	2	1
6	0	2	3	2	0	0	2	0	0	2	0	2	1	1
7	2	0	0	4	2	0	2	0	0	1	3	4	1	1
8	0	0	1	0	2	0	0	0	0	1	2	0	0	0
9	0	0	0	0	0	1	0	0	2	0	0	2	0	1
10	0	0	2	0	1	0	1	0	2	0	0	2	2	1
11	0	2	0	2	2	0	1	0	2	0	0	2	1	1
12	0	0	2	1	0	1	2	0	0	0	0	0	1	1
13	2	2	0	2	2	2	2	1	0	2	1	0	1	1
14	3	2	0	0	2	2	0	0	1	2	0	4	1	1
15	4	0	0	1	0	0	0	3	0	0	0	0	1	1
16	1	3	0	2	0	1	0	2	2	0	2	2	1	1
17	2	0	4	2	0	1	0	0	0	0	0	0	1	1
18	0	3	3	1	2	2	0	0	0	0	0	0	1	1
19	2	0	0	4	1	2	2	2	2	0	1	0	1	1
20	2	1	0	0	2	4	0	0	4	2	1	2	2	2
21	2	0	2	0	2	1	8	1	10	4	2	0	3	3
22	2	0	3	0	0	3	1	3	0	0	3	0	1	1
23	0	2	0	2	1	0	0	0	0	0	0	0	1	1
24	0	2	2	2	0	3	0	3	0	0	0	0	2	1
25	1	2	0	2	3	3	2	0	3	0	3	0	2	2
26	0	0	0	2	-	-	-	-	-	-	-	-	*****	2
27														
28														
29														
30														
31														
MEAN	1	1	1	2	1	1	1	1	2	1	1	2	1.2	

PERCENTAGE OF DATA VALID - 81.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 18.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	****	2	2	1	0	2	2	0	1	1	1
2	0	2	0	0	3	5	3	0	3	5	0	0	2	2
3	2	2	2	2	2	5	2	2	2	3	3	0	2	2
4	0	0	0	2	3	0	2	2	0	0	2	0	1	1
5	2	0	3	2	5	0	0	0	0	0	5	3	2	2
6	2	3	5	0	2	3	0	0	0	0	3	5	2	2
7	0	0	2	3	0	2	2	2	0	0	0	0	1	1
8	5	2	3	3	2	0	2	0	3	0	1	2	2	2
9	3	0	0	0	0	0	****	0	2	2	3	0	1	1
10	2	0	0	1	3	3	0	0	2	3	0	3	1	1
11	2	0	2	2	3	1	2	0	0	0	2	4	2	2
12	2	0	2	0	3	3	3	3	0	2	1	0	2	2
13	2	0	0	2	2	2	0	2	0	4	0	0	1	1
14	3	3	2	4	****	0	0	1	2	0	5	0	2	2
15	0	0	2	2	3	0	0	4	2	0	2	2	1	1
16	2	3	0	3	0	2	0	0	0	3	1	0	1	1
17	2	4	0	0	5	2	0	0	0	2	0	0	2	2
18	0	2	7	0	0	2	1	0	3	2	0	5	1	1
19	0	0	2	0	2	0	3	0	3	0	2	5	1	1
20	0	3	0	0	3	2	0	0	2	0	0	2	1	1
21	3	0	0	2	0	2	****	2	0	2	3	0	1	1
22	0	2	2	2	3	3	0	0	3	3	2	0	2	2
23	5	0	2	3	3	3	7	0	3	3	1	0	3	3
24	2	0	5	0	0	3	3	4	7	0	3	0	1	1
25	0	0	0	3	2	0	3	0	5	0	4	2	2	2
26	3	1	5	5	2	2	3	3	1	2	0	2	1	1
27	2	3	0	3	0	0	2	2	2	0	0	2	1	1
28	1	0	0	0	2	0	0	2	1	2	1	0	1	1
29	2	0	0	2	0	0	0	1	0	0	2	0	1	1
30	2	0	0	3	2	0	2	0	2	0	0	3	2	2
31	3	2	0	0	7	2	2	3	0	0	2	1	1.5	
MEAN	2	1	2	2	2	2	2	1	2	1	2	1		

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	0	2	5	0	4	0	1	1	1	1	
2	3	2	1	2	3	0	2	0	1	2	2	1	2	
3	3	0	0	1	0	2	0	0	0	2	1	0	1	
4	3	0	2	1	2	1	2	2	1	0	0	3	1	
5	2	0	1	0	0	1	2	0	0	2	2	0	1	
6	2	1	3	0	0	2	2	0	2	0	0	0	1	
7	2	0	2	5	1	2	1	2	1	0	2	2	1	
8	2	0	0	2	3	0	1	2	1	0	0	0	1	
9	2	1	0	2	2	0	2	1	1	5	0	0	1	
10	0	0	2	0	2	0	0	1	2	1	1	3	1	
11	4	5	2	0	1	4	1	2	1	4	0	0	2	
12	0	0	2	2	0	3	0	0	0	0	2	1	1	
13	0	2	1	0	0	2	0	2	1	0	0	2	1	
14	2	2	2	5	4	1	2	2	2	1	2	1	2	
15	0	2	2	3	3	2	0	3	2	1	0	2	2	
16	0	1	2	3	1	1	0	0	0	2	3	1	1	
17	0	1	5	0	2	1	2	0	0	2	2	0	1	
18	0	0	0	0	2	2	0	3	0	0	1	1	1	
19	2	2	3	2	4	3	2	0	2	4	1	2	2	
20	5	2	4	5	3	1	0	4	2	3	4	2	3	
21	4	2	2	2	1	1	2	2	0	0	0	1	1	
22	0	0	0	2	1	1	2	0	0	0	1	1	1	
23	2	0	0	0	2	2	1	0	1	0	1	2	1	
24	0	1	2	0	1	2	1	1	2	2	2	0	1	
25	0	1	0	***	2	3	3	0	2	0	0	0	1	
26	2	0	2	3	2	0	0	0	0	0	0	0	1	
27	2	2	0	2	0	5	0	2	2	0	3	0	1	
28	1	2	2	2	2	0	1	2	0	0	1	3	2	
29	3	2	3	2	3	0	3	2	2	0	2	2	2	
30	2	2	5	1	0	0	1	2	2	0	2	2	2	
MEAN	2	1	2	2	2	2	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	0	2	3	0	0	0	1	0	0	2	
2	0	2	1	3	2	1	5	1	3	0	4	0	2	
3	2	2	2	7	7	-	-	-	-	-	-	-	*****	
4	-	-	-	-	-	-	-	-	-	-	-	-	*****	
5	-	-	-	-	-	-	-	-	-	-	-	-	*****	
6	-	-	-	-	-	-	-	-	-	-	-	-	*****	
7	-	-	-	-	-	-	-	-	-	-	-	-	*****	
8	-	-	-	-	-	-	-	-	-	-	-	-	*****	
9	-	-	-	-	-	-	-	-	-	-	-	-	*****	
10	-	-	-	-	-	-	-	-	-	-	-	-	*****	
11	-	-	-	-	-	-	-	-	-	-	-	-	*****	
12	-	-	-	-	-	-	-	-	-	-	-	-	*****	
13	-	-	-	-	-	-	-	-	-	-	-	-	*****	
14	-	-	-	-	-	-	-	-	-	-	-	-	*****	
15	-	-	-	-	-	-	-	-	-	-	-	-	*****	
16	-	-	-	-	-	-	-	-	-	-	-	-	*****	
17	-	-	-	-	-	-	-	-	-	-	-	-	*****	
18	-	-	-	-	-	-	-	-	-	-	-	-	*****	
19	-	-	-	-	-	-	-	-	-	-	-	-	*****	
20	-	-	-	-	-	-	-	-	-	-	-	-	*****	
21	-	-	-	-	-	-	-	-	-	-	-	-	*****	
22	-	-	-	-	-	-	-	-	-	-	-	-	*****	
23	-	-	-	-	-	-	-	-	-	-	-	-	*****	
24	-	-	-	-	-	-	-	-	-	-	-	-	*****	
25	-	-	-	-	-	-	-	-	-	-	-	-	*****	
26	-	-	-	-	-	-	-	-	-	-	-	-	*****	
27	-	-	-	-	-	-	-	-	-	-	-	-	*****	
28	-	-	-	-	-	-	-	-	-	-	-	-	*****	
29	-	-	-	-	-	-	-	-	-	-	-	-	*****	
30	-	-	-	-	-	-	-	-	-	-	-	-	*****	
31	-	-	-	-	-	-	-	-	-	-	-	-	*****	
MEAN	1	1	1	3	4	2	3	1	2	1	2	0	1.8	

PERCENTAGE OF DATA VALID - 7.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 92.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5													- DATA UNAVAILABLE -	
6													- DATA UNAVAILABLE -	
7													- DATA UNAVAILABLE -	
8													- DATA UNAVAILABLE -	
9													- DATA UNAVAILABLE -	
10													- DATA UNAVAILABLE -	
11													- DATA UNAVAILABLE -	
12													- DATA UNAVAILABLE -	
13													- DATA UNAVAILABLE -	
14					0	0	0	0	3	1	0	0	1	
15	0	0	0	2	0	0	2	2	3	2	0	3	1	
16	2	3	2	7	0	2	2	2	2	3	0	1	2	
17	2	0	0	0	6	2	4	0	2	0	2	0	2	
18	0	2	0	0	1	0	2	3	0	2	2	1	1	
19	0	0	0	1	1	0	2	3	1	2	2	0	2	
20	2	2	0	2	3	2	0	2						
21	0	0	3	5	0	5	0	2	5	0	3	0	2	
22	3	0	0	2	0	3	0	3	3	2	3	5	2	
23	3	2	2	6	4	3	3	2	0	2	0	1	2	
24	1	2	2	0	3	0	0	0	2	0	2	2	1	
25	1	2	0	0	0	2	3	3	2	1	0	2	1	
26	1	3	1	3	0	0	3	0	0	3	0	0	1	
27	1	2	0	0	****	0	2	0	0	0	3	1	2	
28	2	2	2	2	3	2	0	0	3	1	2	3	1	
29	2	0	0	2	3	0	0	2	0	2	0	0	1	
30	0	2	2	2	0	2	2	1	0	2	0			
MEAN	1	2	1	2	2	1	1	1	2	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 55.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 44.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	2	0	2	0	2	0	2	0	0	1	
2	2	0	3	1	0	2	2	2	2	0	5	0	2	
3	2	0	0	1	0	0	2	3	2	5	4	0	2	
4	2	0	0	2	0	0	0	2	2	2	0	2	1	
5	2	0	1	0	0	0	0	0	2	2	2	0	2	
6	2	3	2	5	4	3	2	3	2	0	2	5	2	
7	2	0	7	2	2	2	0	3	0	3	0	2	2	
8	7	2	2	5	0	1	2	2	2	2	2	1	2	
9	3	0	0	4	0	2	0	2	3	0	0	0	1	
10	2	2	0	2	0	2	0	2	3	0	0			
11	3	2	0	2	2	0	2	2	2	0	2	2	2	
12	0	2	2	0	2	0	0	0	3	2	2	0	1	
13	0	0	0	3	0	0	0	0	0	0	0	0	0	
14	0	0	2	2	0	0	0	2	0	0	0	0	1	
15	0	0	0	0	0	0	0	3	0	1	2	2	2	
16	0	3	3	2	0	3	3	0	3	5	0	2	1	
17	0	0	3	3	0	0	0	2	0	0	0	0	1	
18	0	0	2	0	2	0	4	0	0	3	3	0	2	
19	0	0	2	2	2	3	2	2	3	2	3	2	2	
20	3	0	2	0	4	0	3	3	2	2	3	2		
21	2	5	0	0	2	3	0	0	0	2	2	0	1	
22	2	2	0	2	1	0	1	0	0	0	0	0	1	
23	2	0	2	0	0	0	0	2	2	0	2	2	1	
24	2	2	2	0	2	1	0	2	0	2	0	0	1	
25	0	2	0	2	0	0	3	0	0	0	3	0	1	
26	2	0	0	0	0	0	0	0	0	0	0	0	0	
27	2	0	0	0	0	0	3	0	0	3	0	0	1	
28	0	0	0	2	0	0	0	0	0	0	0	2	1	
29	2	0	0	0	0	3	2	2	0	2	3	3	2	
30	2	2	0	0	0									
31	2	4	2	0	2	2	0	2	0	3	0	0	1	
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	2.2	5	13
FEB	28	2.1	5	15
MAR	31	1.3	3	9
APR	30	1.5	3	13
MAY	31	1.9	4	8
JUN	30	1.1	3	7
JUL	25	1.2	3	10
AUG	31	1.5	3	7
SEP	30	1.3	3	5
OCT	2	1.8	2	7
NOV	17	1.4	2	7
DEC	31	1.2	2	7
YEAR	306	1.5	5	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	232	28	3	0	0	0	0	263
FEB	309	23	3	0	0	0	0	335
MAR	355	12	0	0	0	0	0	367
APR	337	21	1	0	0	0	0	359
MAY	344	26	0	0	0	0	0	370
JUN	352	6	0	0	0	0	0	358
JUL	299	4	0	0	0	0	0	303
AUG	344	21	0	0	0	0	0	365
SEP	349	10	0	0	0	0	0	359
OCT	26	3	0	0	0	0	0	29
NOV	192	7	0	0	0	0	0	199
DEC	383	9	0	0	0	0	0	372
YEAR	3502	170	7	0	0	0	0	3679

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.0	0	0.0	0.0	1.1	1.7	2.8	3.9	5.0	6.6	15	1.5

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012	BURLINGTON/WELLINGTON	HAMILTON	MONTH - JAN 78	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1																
2																
3																
4																
5																
6																
7	2	2	0	2	2	2	2	2	2	2	2	5	9	2	0	*****
8	2	4	2	3	2	2	2	2	2	2	2	3	0	2	0	2
9	3	0	0	0	0	0	0	0	0	0	3	0	2	1	0	1
10	2	0	3	2	1	0	0	0	0	0	1	0	1	1	0	1
11	1	0	0	5	0	2	2	2	2	2	3	3	0	0	2	2
12	2	1	2	2	2	2	2	2	2	2	3	2	2	3	3	2
13	3	3	3	2	0	8	2	2	2	2	3	0	2	2	3	3
14	2	0	2	0	0	1	2	0	0	0	0	0	0	2	1	1
15	1	0	1	2	0	1	0	0	1	0	0	0	2	0	2	1
16	0	2	2	3	3	2	2	2	2	0	3	2	2	2	3	2
17	3	0	2	1	0	2	2	2	2	3	4	2	2	2	0	2
18	0	2	2	2	2	1	0	1	0	1	2	2	2	5	4	2
19	4	3	5	4	5	6	***	4	2	2	2	2	2	4	0	4
20	1	0	1	0	0	3	3	2	3	2	3	1	2	3	2	2
21	1	2	0	0	0	1	1	3	0	0	0	0	0	0	2	1
22	2	2	2	2	0	0	0	2	2	2	2	2	2	0	0	1
23	2	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2
24	3	3	2	4	3	5	3	6	3	3	6	3	2	2	4	3
25	3	2	2	3	2	***	2	3	0	3	0	3	2	0	0	2
26	4	2	5	3	1	3	3	5	3	3	3	4	2	0	0	3
27	0	0	2	0	0	4	0	3	0	3	0	0	0	0	0	1
28	4	0	3	0	3	0	0	0	0	0	2	0	0	0	0	1
29	0	1	2	2	2	0	3	0	0	0	0	0	3	0	0	1
30	0	0	0	0	0	2	2	0	2	0	0	0	2	0	3	1
31	0	3	0	3	3	5	4	3	***	0	3	1	2	3	1	2
MEAN	2	1	2	2	1	2	2	2	2	2	2	2	2	2	1	1.7

PERCENTAGE OF DATA VALID - 81.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012	BURLINGTON/WELLINGTON	HAMILTON	MONTH - FEB 78	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	5	0	0	1	0	0	0	3	0	3	0	3	3	2
2	2	3	2	7	5	0	2	3	2	3	2	2	3	2	3	3
3	3	3	0	5	4	2	2	0	2	0	2	0	0	0	2	2
4	2	2	3	1	0	3	0	5	0	5	0	2	2	7	2	2
5	5	9	3	3	3	3	3	3	3	3	2	0	0	2	0	3
6	3	2	0	2	3	2	***	0	0	0	0	0	0	0	2	1
7	0	0	0	0	2	3	0	0	0	0	4	0	0	0	0	1
8	2	0	5	3	2	1	3	2	2	2	2	3	7	7	3	3
9	9	7	5	7	7	5	0	3	0	3	0	0	0	1	2	4
10	5	2	2	3	2	3	2	3	2	2	1	4	2	2	2	3
11	3	2	3	0	0	0	3	0	2	0	2	0	0	2	0	2
12	0	0	3	4	0	3	0	2	0	0	2	0	2	0	2	1
13	2	0	3	2	3	0	3	0	0	0	0	0	5	0	3	2
14	2	0	0	8	7	2	0	4	2	4	2	3	7	4	4	4
15	3	5	3	5	2	***	0	5	3	2	2	2	4	5	3	3
16	3	4	4	5	1	2	2	5	1	2	5	1	2	5	3	3
17	2	4	2	3	2	7	0	0	2	2	2	2	3	7	3	3
18	5	3	3	2	3	0	3	0	3	0	0	0	2	3	5	2
19	2	2	0	2	3	3	2	5	3	0	3	2	2	3	5	2
20	5	3	2	3	3	3	2	5	3	5	3	2	7	5	4	4
21	4	3	2	7	3	2	3	2	0	2	0	2	2	2	2	3
22	0	2	0	6	2	2	0	2	0	0	2	0	0	2	0	1
23	3	0	3	5	2	***	0	4	3	4	3	4	2	0	0	2
24	5	3	3	7	2	3	2	2	2	2	2	4	2	2	2	3
25	3	2	2	3	3	3	0	0	0	0	0	3	2	2	2	2
26	0	3	0	3	2	0	0	0	0	0	2	0	3	2	1	1
27	3	0	3	2	2	0	0	2	2	2	3	0	2	0	0	1
28	5	2	3	4	5	2	0	3	0	3	3	2	9	5	4	4
MEAN	3	2	2	4	3	2	1	2	2	2	2	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON														MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	3	3	2	2	3	5	0	2	0	3	0	2		
2	3	0	5	0	2	***	2	2	2	2	5	5	3		
3	2	3	2	7	7	3	2	1	0	0	3	0	3		
4	2	2	0	1	0	0	0	0	2	0	3	0	1		
5	0	2	2	1	2	0	2	2	1	0	0	0	1		
6	4	3	0	5	2	2	0	3	2	5	2	0	2		
7	3	0	3	3	3	0	2	2	0	0	4	2	2		
8	0	0	2	9	2	***	0	0	0	3	2	2	2		
9	3	3	3	7	4	3	3	0	0	0	0	0	2		
10	0	0	0	0	0	3	3	3	3	6	5	3	2		
11	0	2	3	2	2	2	2	3	5	3	4	3	3		
12	3	2	0	2	0	0	0	3	7	3	3	3	2		
13	3	5	5	3	2	5	2	0	3	2	2	3	3		
14	2	0	0	0	0	***	0	3	3	2	0	3	1		
15	3	0	2	3	0	2	0	2	2	0	0	0	1		
16	2	0	2	2	2	0	0	2	0	0	0	0	1		
17	2	3	3	0	0	3	0	2	2	2	2	0	2		
18	0	3	0	2	1	1	2	0	0	3	1	0	1		
19	0	0	0	0	2	0	0	0	0	2	2	0	1		
20	0	0	2	2	2	2	0	0	0	0	0	2	1		
21	2	2	2	2	2	0	3	0	2	2	2	0	2		
22	3	2	2	2	0	0	0	0	2	2	2	0	1		
23	2	0	0	2	***	0	1	0	0	0	2	0	1		
24	0	0	0	1	0	2	2	0	0	0	2	0	1		
25	0	2	0	7	1	3	2	3	0	0	0	3	2		
26	3	3	5	2	5	7	4	5	2	3	0	0	3		
27	0	3	0	3	0	0	3	0	0	2	0	0	1		
28	2	0	2	2	0	3	2	2	3	0	2	6	2		
29	3	0	0	2	0	0	3	1	0	0	0	2	1		
30	0	0	2	2	0	2	***	0	2	2	2	0	1		
31	2	0	3	0	2	0	0	5	7	3	0	0	2		
MEAN	2	1	2	2	2	2	2	1	2	2	2	1	1.6		

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON														MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	3	3	3	2	0	0	0	0	0	0	0	1		
2	3	0	0	0	0	0	0	2	0	0	0	0	0		
3	2	0	3	2	3	3	3	0	0	0	2	2	2		
4	0	2	1	2	2	1	1	2	5	2	2	0	2		
5	1	0	2	1	3	1	0	2	1	0	1	2	1		
6	3	1	0	3	2	***	0	5	5	0	2	3	2		
7	2	3	0	0	0	2	2	0	0	2	0	0	1		
8	3	2	0	2	0	0	0	0	0	0	0	2	1		
9	0	0	0	0	0	0	0	2	2	0	2	2	1		
10	2	2	0	2	2	0	2	0	2	2	0	3	1		
11	4	0	0	2	2	6	1	0	0	2	0	0	1		
12	2	2	2	2	2	***	-	-	-	-	-	-	*****		
13	- DATA UNAVAILABLE -														
14	- DATA UNAVAILABLE -														
15	- DATA UNAVAILABLE -														
16	- DATA UNAVAILABLE -														
17	- DATA UNAVAILABLE -														
18	- DATA UNAVAILABLE -														
19	-	-	-	-	-	***	3	0	3	2	2	3	*****		
20	2	2	0	0	3	5	2	0	0	0	3	0	1		
21	0	3	3	0	0	0	0	2	0	0	0	3	1		
22	2	2	2	0	2	0	2	3	0	2	2	0	1		
23	2	3	3	2	0	2	3	5	0	0	5	5	3		
24	3	7	2	0	5	0	7	1	3	0	2	3	3		
25	2	3	2	4	3	5	7	2	2	3	4	3	3		
26	2	5	2	6	2	0	2	3	0	0	0	2	2		
27	3	3	4	0	0	2	3	0	3	0	0	0	2		
28	0	0	2	2	2	0	3	0	0	0	2	5	1		
29	2	3	2	0	5	0	0	0	0	2	0	0	1		
30	0	0	2	0	0	4	0	2	0	0	0	2	1		
MEAN	2	2	2	1	2	1	2	1	1	1	1	2	1.5		

PERCENTAGE OF DATA VALID - 78.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 23.1

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH - MAY 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	0	2	0	4	0	1	2	2	1
2	3	0	1	0	1	2	0	2	3	0	0	2	1
3	0	3	2	4	2	0	2	1	4	2	2	3	2
4	1	2	1	2	0	2	1	2	1	3	2	2	2
5	0	3	2	2	2	2	0	4	0	2	2	0	2
6	2	2	1	0	2	2	1	2	0	1	4	3	2
7	1	3	1	2	0	2	1	2	5	1	0	2	2
8	0	4	4	0	4	1	5	1	2	5	0	2	2
9	2	2	2	4	0	3	0	0	3	0	3	1	2
10	0	2	2	2	2	1	1	0	0	0	1	7	2
11	2	3	5	2	2	2	2	2	0	5	8	3	3
12	2	2	7	4	2	7	4	3	2	2	0	3	3
13	3	2	3	1	2	3	5	3	6	0	3	5	3
14	3	3	2	2	2	3	2	0	1	4	2	2	2
15	3	0	2	3	5	2	2	2	0	5	5	1	3
16	3	1	4	0	2	0	1	3	2	2	0	2	2
17	2	0	2	3	1	3	0	2	0	0	1	2	1
18	2	4	4	4	1	0	5	1	2	2	4	2	3
19	0	3	2	2	3	1	2	2	0	4	2	3	2
20	6	2	3	2	2	3	2	2	2	0	2	0	2
21	0	0	0	1	0	1	0	1	0	0	2	0	0
22	3	0	2	2	2	0	2	0	3	0	2	0	1
23	4	2	4	6	3	****	-	-	-	-	-	-	*****
24							-	-	-	-	-	-	-
25							-	-	-	-	-	-	-
26							-	-	-	-	-	-	-
27							-	-	-	-	-	-	-
28							-	-	-	-	-	-	-
29							-	-	-	-	-	-	-
30							-	-	-	-	-	-	-
31							-	-	-	-	-	-	-
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 72.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH - JUN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							-	-	-	-	-	-	-
2							-	-	-	-	-	-	-
3							-	-	-	-	-	-	-
4							-	-	-	-	-	-	-
5							-	-	-	-	-	-	-
6							-	-	-	-	-	-	-
7							-	-	-	-	-	-	-
8							-	-	-	-	-	-	-
9							-	-	-	-	-	-	-
10							-	-	-	-	-	-	-
11							-	-	-	-	-	-	-
12							-	-	-	-	-	-	-
13							-	-	-	-	-	-	-
14							-	-	-	-	-	-	-
15							-	-	-	-	-	-	-
16							-	-	-	-	-	-	-
17							-	-	-	-	-	-	-
18							-	-	-	-	-	-	-
19							-	-	-	-	-	-	-
20							-	-	-	-	-	-	-
21							-	-	-	-	-	-	-
22							-	-	-	-	-	-	-
23	3	0	2	0	2	1	3	2	0	2	2	0	*****
24	2	3	0	4	2	3	2	0	2	1	1	2	2
25	2	3	2	2	2	0	2	0	4	2	3	2	2
26	6	6	5	6	3	1	0	4	0	3	0	1	3
27	3	2	5	2	4	3	2	2	0	2	2	2	2
28	0	0	0	2	0	1	2	0	1	2	0	2	2
29	3	2	5	0	2	2	2	1	4	2	3	1	2
30	2	0	2	2	4	5	4	0					
MEAN	3	2	3	2	2	2	2	1	2	2	2	1	2.0

PERCENTAGE OF DATA VALID - 28.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 71.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	0	2	2	0	2	2	0	4	3	4	2	2
2	3	2	3	2	2	0	0	3	5	0	3	2	2	2
3	3	6	6	4	5	2	7	3	0	3	1	2	4	4
4	0	2	7	0	3	***	0	2	2	2	3	2	2	2
5	3	7	1	3	2	2	2	7	4	2	0	2	3	3
6	2	2	3	4	1	3	2	2	2	3	3	2	2	2
7	4	2	2	4	0	5	0	2	0	2	3	3	2	2
8	0	1	2	2	2	2	0	0	2	0	0	0	1	1
9	0	0	0	0	0	0	1	1	0	0	2	2	1	1
10	0	0	0	0	2	***	3	0	0	0	2	2	1	1
11	2	0	1	2	0	0	1	2	0	0	2	2	1	1
12	1	3	3	0	2	0	0	0	2	0	1	1	1	1
13	2	2	2	5	3	3	4	2	2	4	3	1	3	3
14	2	0	3	4	2	1	0	2	0	0	0	2	2	2
15	0	2	2	2	0	1	0	2	3	2	2	3	2	2
16	0	0	0	1	1	0	2	2	2	3	0	1	1	1
17	2	2	2	3	2	0	2	2	4	2	0	2	2	2
18	2	1	2	4	3	0	2	0	2	1	0	2	2	2
19	2	1	0	3	2	2	2	0	1	2	2	1	2	2
20	3	2	3	3	***	0	3	0	3	0	7	3	2	2
21	0	0	3	2	2	0	5	4	3	7	3	0	2	2
22	2	2	2	3	2	1	1	3	0	2	2	0	2	2
23	2	0	0	0	0	0	3	2	2	0	0	2	1	1
24	0	3	4	4	2	0	2	0	0	0	2	2	2	2
25	3	2	2	3	4	2	5	5	4	0	0	2	3	3
26	1	0	3	3	***	2	0	0	0	3	0	2	1	1
27	0	0	0	2	3	0	2	3	2	2	0	0	1	1
28	0	3	0	0	0	2	2	3	0	0	0	0	1	1
29	3	0	0	4	3	3	2	0	2	0	0	2	2	2
30	0	2	0	0	2	2	0	2	4	0	0	3	1	1
31	0	0	2	0	0	7	3	2	2	1	4	5	2	2
MEAN	2	2	2	2	2	1	2	2	2	1	2	2	1.7	1.7

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	5	***	2	0	0	0	4	0	2	2	2
2	2	2	2	5	0	3	2	0	2	3	0	0	2	2
3	3	2	1	2	0	3	2	2	2	0	0	0	2	2
4	0	0	0	0	2	2	3	0	2	0	3	0	1	1
5	0	2	0	0	0	2	0	3	7	0	3	1	2	2
6	0	0	0	3	0	2	2	0	2	0	0	2	1	1
7	0	3	3	0	2	2	0	0	2	0	0	2	1	1
8	0	2	0	3	3	2	0	0	0	0	2	0	1	1
9	2	0	2	2	3	2	3	2	1	2	5	0	2	2
10	2	0	0	0	2	2	4	2	0	2	2	2	2	2
11	3	7	3	4	0	2	0	3	0	0	2	2	2	2
12	3	0	2	0	2	2	2	2	2	2	0	2	2	2
13	3	0	2	0	1	0	2	0	0	0	1	0	1	1
14	2	2	1	3	0	***	5	0	2	2	2	3	2	2
15	0	0	5	2	5	0	1	2	3	0	1	4	2	2
16	3	3	2	3	2	0	3	2	2	0	0	4	2	2
17	2	0	0	2	0	0	1	1	0	4	0	2	1	1
18	2	0	2	7	1	2	0	1	2	0	0	2	2	2
19	0	4	2	3	2	0	2	0	0	0	0	0	1	1
20	0	0	0	0	0	0	2	0	0	0	0	0	0	0
21	2	0	2	4	3	3	***	2	2	0	2	1	2	2
22	2	2	3	5	0	4	2	0	3	0	2	2	2	2
23	2	2	3	0	2	3	3	4	0	1	2	2	2	2
24	2	0	5	2	2	2	2	2	2	2	0	2	2	2
25	0	0	3	1	1	0	1	5	2	3	3	2	2	2
26	2	1	0	3	1	2	2	7	2	0	3	0	2	2
27	2	0	0	2	0	0	0	0	0	0	0	0	0	0
28	2	3	0	0	0	0	0	2	0	0	2	0	1	1
29	1	2	0	0	1	1	0	0	1	2	3	0	1	1
30	2	2	3	0	0	0	2	0	2	0	3	0	1	1
31	1	2	3	0	3	1	2	0	3	3	1	1	2	2
MEAN	1	1	2	2	1	1	2	1	1	1	1	1	1.5	1.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT							
STATION - WC NO 29012				BURLINGTON/WELLINGTON HAMILTON				MONTH - SEP 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	3	0	0	5	2	6	7	0	1	0	2	
2	2	2	1	0	2	0	1	2	3	0	0	0	1	
3	0	0	3	0	2	0	0	0	2	0	0	1	1	
4	0	2	1	2	0	0	0	2	2	0	0	0	1	
5	0	2	2	2	0	2	5	3	2	3	3	0	2	
6	0	0	2	3	0	***	1	7	0	2	2	2	2	
7	2	2	3	0	5	5	6	0	3	3	3	3	3	
8	3	2	3	2	0	4	2	0	0	2	0	0	2	
9	0	2	2	0	0	2	2	0	2	2	2	0	1	
10	0	1	0	3	0	0	0	2	2	0	3	0	1	
11	4	1	3	3	2	2	0	3	0	0	2	1	2	
12	2	2	0	0	2	0	6	2	3	2	0	0	2	
13	3	0	6	3	7	3	1	4	5	4	4	0	3	
14	0	2	0	2	5	2	1	2	2	3	2	0	2	
15	1	0	1	1	0	0	0	0	0	0	2	0	0	
16	3	0	3	3	0	0	0	2	0	3	0	0	1	
17	1	0	0	0	1	0	0	1	2	0	1	1	1	
18	1	3	4	2	2	1	0	2	1	0	1	0	1	
19	0	0	0	3	0	3	1	0	0	0	2	1	1	
20	2	3	5	2	2	1	0	2	2	0	3	5	2	
21	7	2	3	2	2	0	2	0	3	0	1	1	2	
22	0	0	2	1	0	0	3	0	0	0	1	0	1	
23	0	2	1	0	0	2	1	3	1	1	2	0	1	
24	5	3	0	0	0	3	0	2	1	0	0	0	1	
25	2	0	2	1	***	0	0	2	0	1	0	3	1	
26	0	0	2	1	0	2	0	0	0	2	0	0	1	
27	3	2	2	0	2	0	0	3	0	0	2	0	1	
28	0	0	2	2	0	0	0	2	0	1	3	1	2	
29	2	7	5	6	1	2	0	0	3	2	0	2	1	
30	3	4	0	0	0	0	0	0	0	0	2	2	1	
MEAN	2	2	2	1	1	1	1	2	2	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT		
STATION - WC NO 29012			BURLINGTON/WELLINGTON HAMILTON						MONTH - OCT 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	2	0	0	3	0	2	2	0	0	5			
2	0	1	3	2	0	3	2	0	3	1	0	2	1		
3	0	0	2	3	1	0	3	3	2	3	0	0	1		
4	0	2	2	2	0	3	2	0	0	0	0	2	1		
5	0	0	2	3	0	1	0	0	2	0	0	1	1		
6	0	0	3	0	3	0	0	3	2	2	1	2	1		
7	0	0	0	0	2	0	3	2	0	0	0	1	0		
8	0	0	1	0	2	0	0	0	0	0	2	0	1		
9	0	1	0	2	0	0	0	0	0	3	0	0	1		
10	2	0	0	2	0	2	2	2	2	1	0	1			
11	0	0	3	6	2	1	2	2	0	3	0	1	2		
12	0	1	0	0	***	0	2	2	0	0	3	2	1		
13	0	2	3	1	2	0	0	0	0	2	0	2	1		
14	2	0	3	0	1	0	4	3	0	0	4	0	1		
15	0	2	0	1	0	2	0	0	2	0	3	0	1		
16	0	0	3	3	0	3	2	0	3	1	0	0	1		
17	5	2	0	5	2	0	1	3	0	0	2	2	2		
18	0	4	2	0	2	0	0	3	2	3	2	0	2		
19	3	0	0	3	4	3	0	2	3	0	3	2	2		
20	1	0	4	3	0	1	2	0	0	3	0	0	1		
21	3	2	0	0	2	0	2	0	0	0	3	0	1		
22	0	0	3	0	0	7	0	1	3	2	0	3	2		
23	3	0	0	3	3	0	2	0	0	0	5	0	2		
24	2	0	2	3	3	2	0	0	2	0	0	5	2		
25	3	0	2	2	3	2	0	5	0	2	2	2	1		
26	3	2	0	2	0	0	0	3	2	0	0	0	1		
27	0	0	0	0	1	2	3	0	0	0	0	4	1		
28	1	0	0	0	3	0	0	0	0	0	0	3	1		
29	0	2	2	0	0	3	0	0	0	2	0	2	2		
30	2	3	2	5	0	2	0	3	0	3	0	2			
31	2	1	2	0	5	5	0	***	0	5	2	0	2		
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.2		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION -	WC	NO 29012	BURLINGTON/WELLINGTON				HAMILTON				MONTH - NOV 78		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	0	7	2	0	0	7	2	0	0	2	2
2	0	0	2	0	0	5	2	3	0	2	2	5	2
3	4	5	1	5	5	1	5	9	0	0	5	2	4
4	2	5	3	0	5	3	2	3	3	2	2	5	3
5	5	2	5	7	2	2	5	3	0	3	3	0	3
6	2	2	0	0	3	2	0	2	0	0	2	3	1
7	0	0	3	3	0	***	0	2	0	0	0	3	1
8	0	3	0	5	3	2	0	0	2	0	0	0	1
9	0	0	0	3	5	0	4	3	0	0	2	3	2
10	0	3	7	3	3	5	2	0	2	2	0	3	3
11	2	1	5	5	3	2	3	2	2	3	3	0	3
12	2	2	0	0	0	0	0	2	2	0	2	0	1
13	0	0	0	3	0	2	2	0	2	3	2	0	1
14	3	2	0	2	2	***	***	***	***	***	***	***	1
15	- DATA UNAVAILABLE -												
16	***	***	***	***	***	***	***	0	3	2	2	2	3
17	2	2	0	5	6	5	2	3	0	0	5	0	1
18	0	2	0	0	3	1	0	0	0	4	0	0	1
19	2	0	0	4	2	0	1	0	1	5	0	1	1
20	0	0	2	0	2	5	0	3	4	0	2	4	2
21	2	0	2	0	2	5	0	0	0	2	0	2	1
22	0	1	2	0	0	2	2	0	0	0	2	2	1
23	1	0	3	3	0	5	2	3	0	0	0	2	2
24	2	2	2	3	3	0	0	0	2	1	0	0	1
25	0	0	0	0	0	0	0	1	2	0	0	0	0
26	0	2	2	0	0	0	0	0	2	2	2	2	1
27	0	2	3	1	1	***	2	0	3	3	2	0	2
28	2	0	0	2	1	4	1	1	1	0	0	0	1
29	2	1	0	0	0	2	0	2	0	0	1	0	1
30	2	0	1	0	1	3	0	3	0	2	2	0	1
MEAN	1	1	2	2	2	2	1	2	1	1	2	2	1.6

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION -	WC	NO 29012	BURLINGTON/WELLINGTON				HAMILTON				MONTH - DEC 78		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	0	1	0	0	0	0	2	0
2	2	0	2	2	5	2	0	2	1	3	2	0	2
3	3	0	0	2	1	3	2	0	2	1	2	0	2
4	1	1	0	3	2	0	2	0	3	1	0	1	1
5	2	1	0	4	0	0	2	0	0	2	1	0	1
6	0	0	0	1	2	2	1	2	0	2	2	0	1
7	4	2	2	3	1	2	0	1	1	0	2	1	2
8	0	0	0	0	0	1	0	1	1	0	0	0	0
9	1	0	3	0	1	0	0	0	1	2	0	0	1
10	2	1	0	2	1	2	0	2	1	2	0	1	1
11	2	0	2	0	2	0	2	2	1	0	1	0	1
12	2	0	0	3	2	0	2	1	0	0	1	0	1
13	0	0	0	0	2	0	0	1	0	1	0	2	1
14	0	0	0	1	1	0	1	1	0	1	1	1	1
15	1	2	0	2	1	1	0	2	2	0	1	3	1
16	0	1	0	0	0	1	0	0	1	0	0	2	0
17	0	2	1	1	0	2	1	0	0	0	3	0	1
18	1	0	0	1	1	1	0	0	0	0	0	1	0
19	2	2	1	4	2	1	0	1	3	2	2	0	2
20	1	2	0	2	0	0	0	2	0	0	0	0	1
21	0	4	0	0	2	0	1	2	0	0	1	0	1
22	0	0	0	0	0	1	0	1	2	0	3	3	1
23	2	2	2	2	0	1	2	0	3	0	3	2	2
24	1	0	2	2	0	1	1	0	0	1	0	2	1
25	0	1	0	1	0	0	2	0	1	0	2	0	1
26	1	0	1	2	1	1	0	0	0	0	1	3	1
27	1	1	0	0	0	2	0	2	2	2	2	1	1
28	1	2	0	3	0	3	1	0	5	2	0	2	2
29	0	2	0	0	3	0	2	1	0	5	2	4	2
30	1	2	1	2	0	1	2	0	1	0	2	0	1
31	0	1	0	0	2	2	0	0	1	0	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	1.7	4	9
FEB	28	2.3	4	9
MAR	31	1.6	3	9
APR	22	1.5	3	7
MAY	22	1.9	3	8
JUN	8	2.0	3	7
JUL	31	1.7	4	7
AUG	31	1.5	2	7
SEP	30	1.4	3	7
OCT	31	1.2	2	7
NOV	27	1.6	4	9
DEC	31	1.0	2	5
YEAR	317	1.6	4	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 SOVER	TOTAL
JAN	289	14	0	0	0	0	0	303
FEB	287	46	0	0	0	0	0	333
MAR	342	25	0	0	0	0	0	367
APR	257	17	0	0	0	0	0	274
MAY	251	18	0	0	0	0	0	269
JUN	92	9	0	0	0	0	0	101
JUL	350	18	0	0	0	0	0	368
AUG	355	14	0	0	0	0	0	369
SEP	338	20	0	0	0	0	0	358
OCT	357	13	0	0	0	0	0	370
NOV	301	31	0	0	0	0	0	332
DEC	369	3	0	0	0	0	0	372
YEAR	3588	228	0	0	0	0	0	3816

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.1	0	0.0	0.0	1.1	1.8	2.9	4.3	5.2	6.4	9	1.6

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	2	4	2	3	5	2	5	0	2	1	3	
2	1	1	1	1	0	2	2	3	1	0	2	0	1	
3	2	1	3	0	0	3	0	2	2	2	2	0	1	
4	2	5	2	2	5	4	5	2	5	0	5	2	3	
5	2	5	2	9	9	5	3	6	-	7	4	-	5	
6	4	0	5	2	6	5	10	9	7	4	2	6	5	
7	5	1	2	2	6	2	7	6	7	2	7	3	4	
8	7	4	10	7	2	2	0	3	2	3	2	2	4	
9	2	0	3	0	1	2	3	0	2	3	2	0	2	
10	2	2	5	0	0	3	2	2	2	***	-	-	2	
11	- DATA UNAVAILABLE -													
12	- DATA UNAVAILABLE -													
13	- DATA UNAVAILABLE -													
14	- DATA UNAVAILABLE -													
15	- DATA UNAVAILABLE -													
16	- DATA UNAVAILABLE -													
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
31	-	-	-	-	-	-	-	7	0	3	2	2	*****	
MEAN	3	2	4	3	3	3	4	4	3	2	3	2	3.0	

PERCENTAGE OF DATA VALID - 32.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 67.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	0	3	7	0	5	0	0	7	5	2	3	
2	2	5	3	5	2	9	9	2	7	2	6	7	5	
3	0	5	***	-	-	-	-	-	-	-	-	-	*****	
4	- DATA UNAVAILABLE -													
5	- DATA UNAVAILABLE -													
6	-	-	-	-	-	****	0	3	3	3	2	0	*****	
7	0	4	5	3	3	3	5	3	2	3	2	0	3	
8	2	2	2	5	5	3	0	3	4	7	12	13	5	
9	3	3	5	5	5	****	9	0	5	3	2	0	4	
10	3	2	2	2	5	3	2	0	4	3	3	2	3	
11	6	2	0	3	2	3	2	3	2	0	0	3	2	
12	3	0	2	0	3	0	0	3	0	2	1	0	1	
13	3	0	2	4	2	7	3	2	0	2	3	3	3	
14	3	2	3	7	5	3	3	5	7	7	3	2	4	
15	2	2	3	5	9	12	9	7	4	9	9	1	6	
16	2	5	4	7	****	-	-	-	-	-	-	-	*****	
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	-	-	-	-	-	0	3	0	2	2	3	0	*****	
24	0	2	5	2	3	3	3	0	2	0	2	0	2	
25	2	3	3	5	2	5	2	0	0	2	2	0	2	
26	0	2	5	0	0	3	0	0	0	2	0	0	1	
27	3	0	0	0	2	5	0	2	2	2	0	0	1	
28	3	3	0	2	5	3	0	2	5	2	2	0	2	
MEAN	2	3	3	3	4	4	3	2	3	3	3	2	2.8	

PERCENTAGE OF DATA VALID - 62.5

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 36.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	3	3	2	2	0	1	2	0	1	
2	0	0	3	2	3	3	2	3	3	1	3	0	2	
3	0	3	2	3	2	2	3	0	3	0	2	2	2	
4	3	3	7	9	2	3	7	0	8	6	5	3	5	
5	6	7	5	7	11	11	5	7	9	3	2	3	6	
6	***	***	***	***	0	6	2	9	5	7	3	3	4	
7	3	2	2	2	2	2	0	7	3	5	3	2	3	
8	3	2	6	4	2	5	5	13	7	3	0	1	4	
9	3	1	2	3	2	2	2	2	2	0	0	0	2	
10	0	3	0	0	2	1	2	2	2	0	0	3	1	
11	0	5	2	6	1	5	3	2	0	9	26	18	6	
12	11	15	9	11	14	9	3	3	0	3	2	2	7	
13	5	3	9	3	14	9	7	9	3	5	7	2	6	
14	3	0	3	1	3	3	0	3	0	3	3	5	2	
15	5	6	5	6	3	5	9	11	0	5	6	7	6	
16	7	7	7	13	***	7	5	5	11	5	3	2	7	
17	6	0	2	2	3	9	11	5	3	2	2	2	4	
18	2	6	2	2	4	3	11	5	3	2	2	5	4	
19	0	0	2	2	3	2	2	6	3	0	2	2	2	
20	5	2	3	3	0	3	1	2	0	4	0	1	2	
21	1	2	2	0	2	0	1	0	2	2	2	3	1	
22	2	0	0	0	0	2	0	0	2	1	3	2	1	
23	2	5	9	8	5	14	5	5	17	19	7	9	9	
24	15	8	14	5	3	17	13	9	5	3	11	5	9	
25	9	12	9	7	7	0	2	2	2	9	5	4	6	
26	3	7	5	7	2	2	0	2	9	2	2	2	4	
27	7	9	5	5	15	13	19	12	13	9	3	5	10	
28	9	7	3	5	3	0	2	5	12	3	3	5	5	
29	0	0	3	9	***	2	5	11	3	19	9	7	6	
30	5	5	5	9	7	12	13	9	13	15	7	7	9	
31	0	0	1	2	5	0	4	0	0	0	0	0	1	
MEAN	4	4	4	5	4	5	5	5	5	5	4	4	4.4	

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	5	3	9	5	2	5	7	5	2	4	
2	3	2	2	3	4	0	2	0	2	0	0	2	2	
3	0	1	0	3	2	2	0	0	0	2	0	0	1	
4	2	3	3	0	1	0	0	3	0	0	2	0	1	
5	0	0	0	0	0	2	0	0	2	0	4	0	1	
6	3	3	0	5	***	-	-	-	-	-	-	-	*****	
7	-	-	-	-	***	0	7	3	3	6	0	2	*****	
8	-	0	5	1	3	0	7	4	3	2	0	0	3	
9	2	2	3	2	7	7	11	5	4	2	2	4	4	
10	3	2	2	2	7	7	11	5	4	2	2	4	4	
11	0	4	2	1	2	4	3	0	2	0	3	0	2	
12	5	0	2	1	0	2	6	0	2	4	0	3	2	
13	0	0	3	0	5	0	2	0	5	0	2	4	2	
14	2	3	0	1	0	***	4	0	0	5	0	2	2	
15	1	0	2	2	5	0	7	3	0	1	3	0	2	
16	2	0	7	7	15	10	10	11	10	7	6	5	8	
17	5	2	2	8	8	6	2	0	4	2	2	5	4	
18	4	2	2	2	3	3	0	2	1	4	0	2	2	
19	0	5	4	8	2	3	2	5	2	0	2	8	3	
20	4	7	3	5	7	0	8	8	6	4	8	5	5	
21	3	3	6	4	14	11	0	2	4	2	2	3	5	
22	0	0	2	0	3	0	0	2	0	0	2	0	1	
23	0	2	7	2	2	1	2	7	8	2	2	2	3	
24	1	2	4	1	4	2	2	2	1	3	1	0	2	
25	1	3	0	2	0	7	5	2	4	9	6	7	3	
26	6	6	9	3	***	2	0	1	0	0	2	1	3	
27	2	0	2	5	3	3	4	2	1	0	2	1	2	
28	1	2	1	0	3	0	2	2	2	2	3	2	2	
29	0	5	2	8	2	5	0	7	1	3	2	0	3	
30	2	2	0	4	2	5	7	2	2	4	0	4	3	
MEAN	2	2	3	3	4	3	4	3	3	3	2	2	2.7	

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 6.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	3	4	3	2	3	3	3	6	2	4	3	
2	0	0	2	3	3	2	0	2	2	3	3	7	2	
3	0	0	3	5	4	0	0	2	2	0	2	0	2	
4	3	0	0	5	0	2	0	1	0	3	0	0	1	
5	0	0	0	5	7	1	6	5	4	0	3	3	3	
6	2	0	2	2	***	6	3	1	0	0	5	6	2	
7	2	3	2	5	2	5	9	3	2	0	5	3	3	
8	2	2	2	2	3	5	5	2	0	2	2	7	3	
9	0	3	0	2	1	6	5	5	0	0	2	2	2	
10	3	2	0	2	2	2	2	2	6	0	3	3	2	
11	9	2	3	3	5	8	7	8	4	0	0	2	4	
12	5	5	0	0	0	1	4	7	3	0	0	2	2	
13	1	7	2	2	3	0	7	2	6	2	0	1	3	
14	2	2	2	9	3	2	5	5	3	0	0	1	3	
15	1	1	5	9	5	3	2	7	3	3	0	0	3	
16	1	3	0	2	2	0	0	3	2	0	2	0	1	
17	2	2	0	2	0	0	2	2	6	2	2	0	2	
18	3	2	9	3	2	3	4	7	4	3	2	0	4	
19	0	2	2	5	2	5	2	5	3	2	5	5	3	
20	3	5	9	13	3	5	7	7	11	7	5	11	7	
21	3	0	3	7	8	3	2	3	5	5	3	2	4	
22	0	0	0	3	1	2	3	2	2	3	1	2	2	
23	0	0	2	5	11	2	2	2	2	0	3	7	3	
24	2	3	3	3	0	0	0	2	2	2	2	0	2	
25	0	0	2	1	***	1	0	4	5	0	0	3	1	
26	3	0	2	15	9	5	2	0	2	2	0	2	4	
27	0	3	5	3	2	4	3	0	3	2	3	0	2	
28	0	0	3	5	3	3	2	3	0	3	3	1	2	
29	9	7	2	23	9	0	0	5	3	5	5	7	6	
30	6	9	6	9	1	6	2	5	2	2	0	3	4	
MEAN	2	2	2	5	3	3	3	4	3	2	2	3	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	2	2	2	0	0	0	3	3	2	2	
2	2	5	0	2	3	3	0	5	3	4	6	3	3	
3	6	6	6	15	***	7	5	2	5	2	7	2	6	
4	0	0	2	0	3	5	3	0	0	0	5	2	2	
5	0	2	0	11	2	3	2	5	0	3	0	2	3	
6	3	2	0	0	2	3	0	3	0	2	2	2	2	
7	3	2	0	2	0	2	1	1	1	2	2	3	2	
8	0	0	0	0	3	1	0	0	2	0	2	0	1	
9	0	3	0	0	3	0	2	2	2	0	0	0	1	
10	5	3	0	11	9	0	3	0	5	0	0	0	3	
11	3	7	5	19	7	3	5	2	5	0	***	1	5	
12	1	3	5	4	***	0	4	3	2	2	2	0	2	
13	2	2	0	7	2	2	2	3	1	3	2	2	2	
14	0	2	2	0	2	5	0	7	2	0	1	1	2	
15	0	2	0	3	0	5	2	0	2	2	2	3	2	
16	2	2	5	4	0	3	3	0	5	3	3	2	3	
17	5	4	2	17	9	2	4	7	2	0	3	9	5	
18	2	1	7	3	***	1	4	0	3	5	6	3	3	
19	8	3	3	11	3	2	5	0	0	3	3	3	4	
20	0	4	4	3	2	4	2	7	3	0	3	3	3	
21	3	0	3	8	5	5	4	2	2	4	2	2	3	
22	3	3	1	5	2	0	1	5	2	5	0	3	3	
23	2	2	2	3	3	4	0	7	3	0	2	1	2	
24	0	3	5	9	2	3	0	1	0	3	0	2	2	
25	3	0	5	0	5	0	5	3	3	3	2	1	3	
26	1	1	2	0	3	1	2	0	1	0	2	1	1	
27	3	1	2	3	0	2	2	0	2	3	1	0	2	
28	3	2	0	3	0	0	2	1	3	0	3	1	1	
29	0	0	3	0	2	2	2	1	2	2	2	2	1	
30	6	2	2	11	13	6	2	2	0	5	2	1	4	
31	3	2	0	5	4	5	7	***	5	2	0	3	3	
MEAN	2	2	2	5	3	3	2	2	2	2	2	2	2.6	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29015 MERRICK ST HAMILTON													
MONTH - NOV 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	5	9	5	5	6	0	4	1	0	3
2	5	0	2	4	2	6	3	5	5	0	5	6	4
3	7	6	10	17	15	19	15	14	9	17	11	9	12
4	7	7	5	2	4	5	9	3	8	3	6	3	5
5	5	9	6	6	9	9	5	3	2	3	2	3	5
6	2	2	5	4	3	5	4	3	0	3	2	0	3
7	3	2	2	1	5	3	0	0	4	1	0	5	2
8	3	1	3	7	11	2	2	0	0	2	2	0	3
9	2	0	2	0	5	2	0	2	3	0	2	3	2
10	2	2	6	8	12	11	15	11	5	5	4	3	7
11	4	6	2	11	4	2	3	3	4	2	1	0	4
12	0	1	0	0	2	0	0	2	0	2	1	1	1
13	2	0	3	5	4	7	7	11	8	6	0	3	5
14	2	2	1	3	***	0	2	0	0	0	2	2	1
15	2	2	0	2	2	0	1	2	2	2	7	5	2
16	5	3	3	12	6	3	3	3	3	6	3	6	5
17	3	1	6	5	8	11	15	5	0	2	0	1	5
18	2	2	0	0	2	2	0	3	1	1	3	1	1
19	3	0	3	1	2	1	0	0	2	2	1	0	1
20	4	0	2	2	2	1	3	7	3	3	3	3	3
21	0	2	0	1	1	5	0	6	8	6	0	5	3
22	4	2	2	6	5	3	9	7	9	3	6	5	5
23	5	9	6	5	11	6	5	3	2	0	0	3	5
24	0	2	2	4	0	4	0	2	3	2	0	0	2
25	3	2	0	0	3	2	2	4	2	0	0	0	2
26	0	0	2	2	***	3	7	2	2	2	3	0	6
27	6	2	2	8	***	9	13	7	11	5	3	0	3
28	5	2	0	8	5	3	3	7	1	1	3	2	4
29	1	5	3	5	7	6	2	2	3	3	3	2	2
30	5	3	0	5	3	0	3	2	0	1	2	2	2
MEAN	3	3	3	5	5	5	5	4	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29015 MERRICK ST HAMILTON													
MONTH - DEC 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	0	1	3	0	3	3	7	0	4	2
2	3	0	2	3	2	0	2	2	1	0	0	3	2
3	0	2	2	3	0	6	1	9	9	13	13	2	5
4	3	0	2	2	3	0	5	1	2	0	4	0	2
5	2	0	0	0	3	2	2	3	3	0	3	3	2
6	0	0	5	3	3	4	5	2	3	2	3	0	3
7	5	1	0	3	11	3	4	7	8	0	3	7	4
8	9	6	6	5	3	7	1	3	3	2	2	1	4
9	3	0	0	4	5	2	0	3	0	0	3	4	2
10	0	4	2	0	0	3	0	0	2	2	0	2	1
11	0	2	0	6	4	0	3	4	5	4	1	4	3
12	0	3	5	0	3	2	2	3	1	4	0	3	2
13	4	2	0	2	2	0	3	2	0	0	0	3	2
14	0	3	0	0	5	0	2	1	2	0	1	1	1
15	3	0	1	3	0	1	3	0	6	2	0	0	1
16	3	3	0	1	5	3	0	6	1	2	7	3	3
17	2	1	0	3	0	2	2	0	1	1	2	4	2
18	28	0	3	1	3	1	3	3	3	3	3	3	5
19	0	3	3	0	5	3	3	1	4	4	3	3	3
20	3	2	4	4	2	6	9	9	7	7	11	3	6
21	3	3	1	0	1	2	2	3	6	5	0	1	2
22	1	2	0	2	2	3	6	2	1	2	3	0	2
23	0	4	2	0	1	3	2	2	3	0	6	11	3
24	11	9	11	7	5	8	8	4	0	4	4	0	6
25	4	6	0	0	2	2	0	2	3	0	2	1	2
26	1	0	2	2	1	2	3	0	0	3	0	0	1
27	2	3	0	0	1	2	1	5	2	0	2	4	2
28	0	3	3	1	2	3	4	5	6	2	4	3	3
29	7	3	0	2	3	2	7	11	3	5	5	4	4
30	3	6	8	5	6	11	6	9	5	11	8	9	7
31	9	5	11	4	5	5	8	5	5	6	9	9	7
MEAN	4	3	2	2	3	3	3	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	3.0	5	10
FEB	16	2.8	6	13
MAR	31	1.5	4	9
APR	30	3.2	9	18
MAY	31	4.4	10	26
JUN	27	2.7	8	15
JUL	31	2.0	4	10
AUG	23	2.2	5	13
SEP	30	2.9	7	23
OCT	31	2.6	6	19
NOV	30	3.5	12	19
DEC	31	3.0	7	28
YEAR	321	2.8	12	28

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	88	32	0	0	0	0	0	120
FEB	162	45	3	0	0	0	0	210
MAR	343	26	0	0	0	0	0	369
APR	262	79	15	1	0	0	0	357
MAY	222	108	29	6	1	0	0	366
JUN	262	66	5	0	0	0	0	333
JUL	335	33	0	0	0	0	0	368
AUG	242	40	1	0	0	0	0	283
SEP	273	79	5	0	1	0	0	358
OCT	302	57	6	2	0	0	0	367
NOV	247	91	17	3	0	0	0	358
DEC	292	68	11	0	1	0	0	372
YEAR	3030	724	92	12	3	0	0	3861

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.2	0	0.0	0.8	1.7	2.8	6.1	8.2	10.7	12.8	28	2.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	0	2	2	0	2	5	0	2	2	2	
2	0	0	2	0	0	0	0	3	2	0	2	0	1	
3	2	2	0	2	2	2	0	2	2	2	0	2	2	
4	3	1	3	2	3	2	4	3	4	2	2	12	5	
5	3	2	0	3	15	5	2	3	3	3	3	7	2	
6	4	2	2	0	3	3	2	2	2	2	3	0	3	
7	2	0	5	4	0	2	2	5	4	0	3	2	4	
8	4	7	12	7	2	2	0	3	2	0	3	1	1	
9	0	0	2	0	2	2	2	1	3	2	0	2	1	
10	2	2	0	2	2	0	0	2	0	0	0	2	1	
11	3	0	0	0	0	2	2	3	3	3	2	0	4	
12	5	0	2	4	5	3	4	3	2	7	5	5	3	
13	5	2	3	5	3	0	0	7	3	0	0	2	1	
14	2	2	0	4	0	0	3	0	2	1	0	1	1	
15	0	0	2	0	0	0	2	0	2	0	2	2	2	
16	0	0	0	0	0	3	2	5	6	1	2	2	4	
17	9	4	6	2	4	3	2	6	1	3	3	2	4	
18	1	2	0	0	2	3	0	1	4	6	8	15	4	
19	9	7	7	6	3	0	2	1	3	0	2	2	4	
20	3	2	3	2	3	3	3	2	3	0	2	0	2	
21	0	1	3	0	3	2	0	2	0	3	3	5	2	
22	2	1	2	2	2	3	2	3	5	2	2	4	3	
23	3	2	5	4	0	3	4	4	3	3	7	2	3	
24	2	4	2	5	2	5	3	5	2	4	5	3	4	
25	2	4	5	3	6	4	5	9	2	3	2	2	2	
26	3	0	3	1	3	2	2	5	2	2	0	0	1	
27	2	3	0	0	2	0	0	0	3	1	0	5	2	
28	2	3	0	2	0	1	0	3	0	2	0	2	1	
29	0	0	2	0	3	0	0	3	1	2	5	0	2	
30	1	2	1	0	0	2	2	3	1	2	0	0	2	
31	3	2	2	4	0	6	2	***	2	3	2	0	2	
MEAN	2	2	2	2	2	2	2	3	3	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	3	3	2	0	2	0	2	2	2	2	2	
2	5	5	3	5	2	5	4	3	3	2	3	2	4	
3	3	2	3	4	3	3	0	2	0	3	0	3	2	
4	2	2	2	1	3	2	0	2	3	2	4	11	3	
5	7	3	0	0	3	3	3	2	1	0	0	0	2	
6	0	0	0	2	2	2	0	2	1	2	2	2	2	
7	0	0	0	5	2	0	3	2	3	2	0	2	5	
8	3	3	2	5	3	0	2	2	3	12	13	15	4	
9	9	5	7	7	5	3	***	3	2	0	0	5	4	
10	2	2	3	5	0	5	3	2	3	0	3	4	3	
11	1	4	0	0	3	2	3	3	0	2	0	2	2	
12	2	2	0	2	0	0	1	0	0	0	3	2	1	
13	0	4	0	0	0	3	2	2	2	3	0	2	2	
14	0	2	0	5	4	3	5	0	5	3	3	7	3	
15	5	5	5	5	5	5	4	3	5	0	5	5	4	
16	0	2	3	7	5	2	5	2	3	7	6	3	4	
17	2	2	0	2	3	2	5	2	3	3	2	5	3	
18	5	3	5	4	3	3	2	2	3	2	3	5	3	
19	2	3	12	44	2	2	2	2	2	0	5	3	7	
20	3	7	4	9	5	4	5	4	2	3	7	7	5	
21	3	6	3	5	5	7	3	2	5	2	2	0	4	
22	0	2	0	3	4	0	2	2	3	2	0	2	2	
23	3	2	7	2	6	***	5	5	3	5	3	5	4	
24	3	5	3	0	3	5	2	4	3	2	3	2	2	
25	4	0	3	2	2	2	2	2	0	5	0	3	2	
26	2	0	3	0	2	2	0	3	2	2	2	2	2	
27	2	3	0	3	0	0	2	1	2	2	2	5	3	
28	5	2	5	0	3	2	0	2	3	2	2	2	3	
MEAN	3	3	3	5	3	3	2	2	2	3	3	4	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017		CHATHAM/FRID HAMILTON											MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	4	5	3	2	5	0	2	5	0	2	2	3	3
2	3	3	2	3	3	****	4	0	2	2	7	3	3	3
3	5	4	5	3	3	5	4	9	0	5	0	2	4	4
4	2	3	0	3	0	3	0	0	2	0	2	0	1	1
5	0	1	3	0	2	0	2	2	0	3	2	3	2	2
6	3	3	2	5	3	3	5	2	3	3	3	5	3	3
7	2	2	7	5	0	3	0	2	2	0	2	0	2	2
8	3	2	7	7	0	5	2	0	2	3	4	5	3	3
9	4	8	5	9	4	3	2	1	2	2	0	0	3	3
10	2	5	3	7	5	3	7	3	5	4	9	12	5	5
11	3	5	0	1	3	3	0	0	5	3	2	5	3	3
12	3	4	7	3	5	2	5	0	0	4	3	5	3	3
13	2	9	12	17	2	2	0	5	5	2	2	2	5	5
14	6	7	5	2	****	4	0	5	2	5	2	0	3	3
15	0	2	0	3	3	0	1	2	2	0	2	0	1	1
16	2	2	2	0	5	5	3	2	3	2	1	0	2	2
17	2	0	3	2	2	0	3	2	0	2	2	2	2	2
18	0	3	0	3	2	0	2	2	2	5	2	2	2	2
19	2	0	2	1	0	0	0	0	0	0	2	0	1	1
20	3	0	3	7	2	0	0	5	5	5	5	2	3	3
21	5	9	3	0	2	0	3	3	2	2	0	0	2	2
22	3	2	0	2	0	3	2	4	3	3	0	0	2	2
23	2	2	3	2	2	****	0	2	3	3	0	2	2	2
24	0	2	0	3	2	0	2	0	1	0	2	5	1	1
25	0	3	0	2	2	0	2	0	3	2	5	4	2	2
26	2	4	2	3	3	0	3	2	2	2	0	0	2	2
27	2	2	2	0	3	2	3	1	4	2	1	0	2	2
28	2	0	5	5	2	2	3	3	3	3	2	2	3	3
29	5	2	0	3	0	0	0	0	0	2	2	0	1	1
30	0	0	2	4	0	****	0	3	2	2	2	2	2	2
31	0	3	2	5	2	3	2	8	5	3	3	3	3	3
MEAN	2	3	3	4	2	2	2	2	2	2	3	2	2.5	2.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017		CHATHAM/FRID HAMILTON											MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	5	5	2	2	0	0	2	0	0	2	2	2	2
2	0	1	0	0	0	2	2	0	2	2	0	0	1	1
3	4	2	2	7	2	0	5	3	2	0	2	2	3	3
4	1	2	2	0	7	7	4	3	7	5	2	2	4	4
5	0	1	0	1	2	0	3	0	0	0	3	3	1	1
6	2	9	2	5	3	3	2	4	1	4	1	0	3	3
7	1	2	0	0	0	2	0	4	2	0	0	2	1	1
8	0	0	0	0	0	0	2	2	0	3	0	2	1	1
9	0	2	0	3	0	2	0	2	2	2	0	2	1	1
10	2	0	5	2	2	2	3	2	0	2	0	2	2	2
11	0	5	3	5	5	6	2	2	2	0	0	0	3	3
12	2	2	0	2	1	0	0	2	2	2	0	3	1	1
13	2	2	3	2	2	0	2	2	0	0	3	0	2	2
14	0	2	0	0	0	2	2	0	3	0	0	1	1	1
15	0	2	0	1	2	0	2	0	0	2	0	3	1	1
16	0	3	1	2	0	0	0	0	3	2	0	2	1	1
17	0	2	1	3	2	0	4	2	2	2	3	6	2	2
18	3	8	9	5	8	8	3	9	2	9	0	2	6	6
19	5	9	5	5	9	****	3	3	2	2	2	2	4	4
20	2	0	2	0	0	2	0	2	2	0	0	2	1	1
21	2	3	0	0	2	3	1	2	2	0	2	2	2	2
22	2	2	2	2	0	0	0	2	2	2	0	0	1	1
23	5	7	2	3	5	1	5	0	0	3	3	5	3	3
24	5	9	7	3	4	1	11	7	2	1	3	5	5	5
25	3	4	9	3	3	3	3	0	0	6	9	2	4	4
26	9	9	2	4	2	3	4	3	2	3	2	3	4	4
27	6	5	3	3	2	3	0	0	3	2	2	2	3	3
28	2	2	2	0	2	0	2	0	0	3	2	5	2	2
29	2	1	1	0	2	2	0	2	0	1	0	1	1	1
30	2	2	0	2	2	0	2	0	5	0	2	0	1	1
MEAN	2	3	2	2	2	2	2	2	2	2	2	2	2.1	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	2	0	0	2	0	2	0	0	1	
2	4	1	3	0	2	2	2	0	2	2	0	0	2	
3	2	2	2	3	***	0	0	3	2	2	3	2	2	
4	3	3	5	4	2	1	4	5	3	2	4	2	3	
5	3	0	2	2	2	3	3	2	3	1	7	2	2	
6	0	2	4	1	1	0	1	5	3	4	2	3	3	
7	3	5	5	0	0	6	12	9	1	0	1	2	4	
8	2	4	3	3	5	1	3	2	0	1	2	0	2	
9	2	3	2	2	***	1	3	0	0	0	3	2	1	
10	0	0	1	0	1	0	2	0	0	0	0	0	1	
11	0	4	5	3	0	4	2	2	4	2	17	11	5	
12	5	7	7	11	7	9	4	1	0	2	3	2	5	
13	1	3	7	2	13	5	7	6	2	5	6	0	5	
14	4	0	6	0	2	0	0	0	0	1	2	5	2	
15	5	7	2	3	5	3	6	7	5	3	6	2	5	
16	2	4	5	3	***	2	3	4	0	0	5	5	3	
17	1	2	2	5	2	3	7	2	2	3	3	2	3	
18	2	2	2	5	0	2	6	0	0	2	2	0	2	
19	2	2	2	3	3	0	3	2	0	2	3	0	2	
20	1	2	2	2	2	3	0	2	0	0	0	0	1	
21	0	0	0	0	2	0	0	0	0	1	2	0	0	
22	2	2	0	2	1	0	0	0	0	0	2	5	1	
23	2	3	4	6	8	***	5	7	9	8	16	7	7	
24	11	5	13	12	5	7	6	5	5	8	12	13	9	
25	10	5	7	6	5	4	0	2	3	4	3	2	4	
26	5	6	9	6	2	2	2	0	3	2	0	3	3	
27	3	5	6	10	12	8	9	3	7	6	9	7	7	
28	4	6	5	10	2	1	2	4	7	3	3	3	4	
29	5	2	6	6	***	0	5	2	3	7	9	6	5	
30	13	10	2	4	9	8	5	7	10	8	8	2	7	
31	2	2	0	3	0	2	2	3	0	0	0	3	1	
MEAN	3	3	4	4	4	3	3	3	2	3	4	3	3.2	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	5	2	2	2	7	4	4	2	4	6	3	
2	2	2	0	5	2	5	3	0	2	1	2	0	2	
3	0	2	2	0	3	1	1	0	3	0	0	4	1	
4	0	0	1	2	5	1	0	2	0	4	3	0	2	
5	1	3	1	0	4	2	2	0	2	0	5	0	2	
6	2	3	4	4	***	***	2	0	1	0	0	3	7	
7	6	5	8	9	13	11	10	5	12	7	4	3	3	
8	13	11	2	0	5	0	2	4	1	0	0	1	1	
9	0	0	6	3	0	0	0	0	1	0	4	1	3	
10	4	2	0	1	7	2	7	3	4	0	2	0	3	
11	4	0	7	5	0	0	2	0	2	0	2	2	2	
12	2	2	1	3	0	3	1	3	2	0	3	0	2	
13	0	3	0	0	2	0	3	0	0	2	6	0	1	
14	1	2	4	0	1	***	0	1	0	0	0	0	1	
15	0	0	2	0	5	1	3	2	2	2	1	0	2	
16	6	2	9	2	11	14	10	12	7	5	10	7	8	
17	3	5	6	6	6	2	2	2	2	5	0	0	3	
18	2	2	0	0	4	2	0	0	2	1	2	0	1	
19	1	2	2	2	2	2	2	0	0	2	0	5	2	
20	2	4	4	2	3	1	11	8	4	0	6	0	4	
21	8	4	12	12	8	8	4	4	0	2	4	0	6	
22	1	2	1	2	1	2	0	0	3	0	2	0	1	
23	2	0	2	0	2	1	2	2	2	0	0	0	1	
24	6	2	0	2	2	3	0	2	1	0	1	2	2	
25	3	4	4	0	1	3	7	2	3	8	3	7	4	
26	1	5	7	3	0	4	2	0	2	0	1	2	2	
27	0	1	1	3	0	0	0	3	0	1	1	0	1	
28	1	0	0	2	0	0	3	0	1	0	5	2	2	
29	2	2	1	2	2	0	2	5	0	3	1	0	1	
30	0	0	0	2	0	4	2	0	0	0	0	0	1	
MEAN	2	2	3	3	3	3	3	2	2	2	3	2	2.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	4	3	1	0	0	1	0	2	2	1	
2	2	2	1	2	2	3	5	2	2	3	2	4	3	
3	4	3	3	2	2	3	1	4	1	3	0	6	3	
4	4	2	0	4	0	5	2	2	4	0	5	0	2	
5	5	5	5	3	2	1	1	2	1	2	3	0	3	
6	0	2	2	0	2	2	0	2	0	2	3	3	2	
7	2	0	2	2	3	1	2	5	0	1	2	4	2	
8	0	2	2	3	0	1	3	0	0	1	0	2	1	
9	0	2	0	0	0	2	0	0	0	1	2	0	1	
10	2	1	0	2	1	1	2	2	2	0	3	4	2	
11	3	0	2	0	2	2	2	0	3	0	1	0	1	
12	3	1	3	3	3	0	2	0	3	1	3	3	2	
13	0	2	5	1	2	2	3	2	3	3	2	4	2	
14	3	6	5	2	2	0	2	2	0	2	0	3	2	
15	3	2	1	2	2	2	3	2	0	2	0	2	2	
16	0	1	0	0	0	3	2	0	2	0	0	2	1	
17	0	0	2	0	1	0	3	0	0	2	0	3	1	
18	0	6	3	3	1	1	2	1	0	0	0	2	2	
19	0	5	2	0	3	3	3	5	2	0	3	0	2	
20	4	3	3	0	***	0	5	5	1	3	2	2	3	
21	5	6	4	2	4	5	2	1	1	1	0	2	3	
22	2	2	2	2	3	2	2	0	2	2	1	2	2	
23	0	0	0	1	0	2	1	1	2	0	0	0	1	
24	0	2	3	2	3	2	4	2	8	3	4	3	3	
25	2	4	3	6	4	6	5	4	5	3	3	2	4	
26	2	1	3	1	***	2	0	0	3	2	0	1	1	
27	0	0	2	2	0	0	3	2	0	1	2	2	1	
28	0	0	2	1	1	1	0	0	0	4	0	1	1	
29	3	0	2	4	4	2	2	0	0	3	0	0	2	
30	2	2	0	2	2	2	2	0	2	8	0	5	2	
31	2	0	0	5	2	3	2	5	1	7	7	2	3	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	3	***	2	0	2	2	2	2	5	2	
2	2	3	5	7	3	2	0	1	2	1	3	0	2	
3	0	0	3	3	2	3	0	0	3	3	0	0	1	
4	0	0	3	1	0	0	1	2	0	0	0	0	1	
5	0	5	3	2	3	5	3	3	2	2	2	0	3	
6	3	0	0	3	2	0	0	3	5	3	1	2	2	
7	0	3	3	4	0	0	3	0	1	2	0	0	1	
8	3	2	3	2	2	0	3	0	2	0	0	0	1	
9	3	3	2	3	3	0	2	2	2	2	2	0	2	
10	0	0	0	0	2	2	***	4	2	3	2	3	2	
11	3	2	3	9	4	3	0	3	2	2	0	2	3	
12	3	0	3	2	3	0	0	2	3	2	2	0	2	
13	0	0	3	2	1	2	0	2	0	3	2	0	1	
14	2	3	2	5	5	3	0	3	3	2	1	3	3	
15	3	3	6	11	3	4	2	2	0	5	1	0	3	
16	3	0	2	2	5	2	0	2	0	0	2	0	2	
17	0	0	2	0	4	2	2	0	0	2	4	3	2	
18	3	0	1	3	7	2	9	3	2	2	5	1	3	
19	5	3	5	0	0	2	0	2	0	1	0	0	2	
20	2	0	0	0	2	0	0	0	2	0	0	2	1	
21	1	1	0	2	5	3	3	***	0	2	2	7	2	
22	5	3	5	3	7	3	0	3	0	0	3	3	3	
23	5	2	3	3	3	7	4	2	3	0	0	0	3	
24	5	3	5	3	2	2	5	3	7	3	0	2	3	
25	2	3	0	0	0	2	2	3	7	5	5	2	3	
26	2	1	0	2	3	0	2	1	2	0	1	0	1	
27	2	1	0	2	0	2	0	0	0	2	2	0	1	
28	0	2	3	3	0	0	3	2	2	2	0	0	1	
29	0	2	0	0	3	0	2	2	2	0	0	3	1	
30	2	5	3	5	3	0	0	2	1	2	0	0	2	
31	0	0	3	2	2	2	0	***	0	2	3	7	2	
MEAN	2	2	2	3	3	2	1	2	2	2	1	1	1.9	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - NOV 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	1	5	5	5	3	2	5	2	2	2	3
2	1	1	0	5	2	5	3	2	3	4	6	6	3
3	8	8	13	21	11	9	13	13	13	9	8	6	11
4	8	5	6	7	4	7	3	7	5	8	14	8	7
5	7	11	4	7	7	5	3	3	2	4	2	5	5
6	4	6	5	5	2	0	4	1	1	1	0	2	3
7	1	0	2	1	***	38	2	2	3	1	1	2	5
8	4	6	5	7	11	5	3	3	0	1	2	2	4
9	5	1	1	1	5	2	1	3	5	2	2	5	3
10	8	4	9	10	9	11	11	9	7	4	3	7	8
11	5	3	5	7	9	5	5	7	7	3	2	0	5
12	2	0	2	0	3	0	3	2	2	0	2	1	1
13	0	1	2	3	3	7	5	5	9	7	2	0	4
14	5	3	2	2	0	1	0	2	2	0	2	0	2
15	2	0	2	2	2	3	2	0	4	3	9	8	3
16	7	3	3	9	11	1	2	2	1	5	0	3	4
17	3	3	3	6	9	13	11	1	2	0	0	2	1
18	0	1	4	0	2	0	0	2	2	0	3	2	2
19	5	1	3	3	3	0	3	0	3	2	0	3	2
20	2	2	3	0	3	0	3	2	2	2	0	3	2
21	1	1	0	3	2	5	4	1	3	0	4	2	2
22	1	4	2	5	4	2	2	3	5	4	6	5	4
23	8	7	7	6	9	4	5	1	3	4	2	2	5
24	0	0	3	3	3	1	2	2	2	0	1	2	2
25	0	0	2	2	0	2	0	0	1	0	3	2	1
26	1	0	1	3	0	2	3	2	3	1	2	1	2
27	3	3	2	5	0	***	4	7	8	4	2	2	4
28	1	3	2	6	4	5	6	5	3	3	2	0	3
29	2	2	3	5	6	3	2	5	1	3	1	2	3
30	2	3	0	1	3	0	2	1	3	1	2	2	2
MEAN	3	3	3	5	5	5	4	3	4	3	3	3	3.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - DEC 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	9	2	3	4	2	7	0	3	1	3
2	2	0	0	2	2	0	3	0	2	2	0	4	1
3	0	2	2	4	2	3	4	7	9	11	10	3	5
4	3	2	3	7	3	2	3	3	3	3	2	0	3
5	2	0	2	1	2	3	0	3	2	3	2	2	2
6	2	7	3	3	3	4	3	2	3	5	3	2	3
7	2	0	2	5	3	1	3	5	3	3	3	2	3
8	5	11	11	10	2	4	5	2	4	0	2	2	5
9	2	3	0	3	3	0	0	2	2	0	2	0	1
10	0	3	0	0	1	3	0	1	2	2	0	2	1
11	3	0	3	2	1	2	2	3	5	0	2	3	2
12	5	2	3	2	3	3	2	2	0	0	0	3	2
13	3	2	2	3	0	5	2	2	3	2	0	2	2
14	0	0	0	2	4	0	5	1	4	2	2	3	2
15	0	3	5	2	5	3	2	2	2	4	2	2	3
16	7	1	4	4	4	2	3	3	3	6	4	3	4
17	2	0	2	0	2	2	0	0	4	0	2	1	0
18	5	1	3	3	2	3	2	2	0	2	0	3	2
19	2	3	0	2	2	3	1	3	2	3	2	2	2
20	1	3	7	4	3	3	7	2	7	7	3	7	5
21	2	2	0	2	1	2	2	3	2	1	3	2	2
22	0	2	2	2	0	6	3	3	2	3	2	0	2
23	2	2	2	5	0	5	1	1	2	9	12	13	5
24	11	15	6	7	5	5	2	3	6	1	5	3	6
25	2	2	2	3	2	2	0	2	1	2	0	0	2
26	3	2	3	1	5	1	3	2	4	0	2	2	2
27	0	1	2	4	4	2	4	0	0	2	0	2	2
28	0	2	1	0	2	2	2	5	3	8	5	4	3
29	7	5	6	2	5	5	2	3	2	3	2	5	4
30	6	2	5	3	5	5	5	4	6	10	5	6	5
31	10	9	7	8	2	5	5	5	7	3	3	7	6
MEAN	3	3	3	3	3	3	2	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	5	15
FEB	28	2.9	7	44
MAR	31	2.5	5	17
APR	30	2.1	6	11
MAY	31	3.2	9	17
JUN	30	2.4	8	14
JUL	31	1.9	4	8
AUG	31	1.9	3	11
SEP	23	1.6	5	9
OCT	2	2.2	2	9
NOV	30	3.5	11	38
DEC	31	2.9	6	15
YEAR	329	2.5	11	44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	323	44	4	0	0	0	0	371
FEB	265	63	5	0	0	0	1	334
MAR	304	61	2	1	0	0	0	368
APR	310	48	1	0	0	0	0	359
MAY	264	90	11	2	0	0	0	367
JUN	297	49	11	0	0	0	0	357
JUL	340	30	0	0	0	0	0	370
AUG	333	34	1	0	0	0	0	368
SEP	264	23	0	0	0	0	0	287
OCT	30	5	0	0	0	0	0	35
NOV	254	89	13	0	1	1	0	358
DEC	297	68	7	0	0	0	0	372
YEAR	3281	604	55	3	1	1	1	3946

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.1	0	0.0	0.7	1.6	2.5	4.8	6.7	8.9	11.0	44	2.5

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	8	2	2	4	4	4	5	5	2	0	1	3	
2	2	2	0	2	4	3	2	3	2	2	3	0	2	
3	3	1	3	1	4	3	2	1	1	4	1	2	2	
4	1	4	5	8	3	4	4	0	3	2	6	3	4	
5	2	3	3	4	6	8	6	4	2	5	9	6	5	
6	4	2	3	1	0	6	4	0	4	5	3	2	3	
7	2	2	2	2	4	4	5	3	6	3	8	3	4	
8	8	4	6	8	2	3	2	4	0	3	3	1	4	
9	0	2	0	1	0	1	2	2	0	2	0	2	1	
10	1	1	0	0	2	2	1	0	2	2	2	2	1	
11	2	0	1	2	2	3	6	2	7	2	4	2	3	
12	2	3	5	6	4	3	***	***	0	5	2	6	4	
13	3	3	2	7	6	5	7	5	0	5	1	2	4	
14	2	0	2	0	0	0	2	2	0	2	2	0	1	
15	2	0	0	4	0	1	2	3	2	2	0	3	2	
16	3	0	2	8	6	0	2	4	3	3	4	7	4	
17	2	6	3	5	3	3	4	5	0	3	0	3	3	
18	3	0	3	2	0	2	0	6	4	13	11	4	4	
19	8	2	6	9	11	1	2	3	2	0	5	4	4	
20	0	2	0	0	2	4	0	3	2	2	3	2	2	
21	0	0	2	0	0	1	0	0	2	3	2	2	1	
22	2	3	2	2	1	5	2	3	1	0	2	2	2	
23	5	2	5	2	5	3	4	2	6	5	5	3	4	
24	6	8	6	8	5	7	4	7	7	7	4	5	6	
25	6	3	0	6	8	8	9	7	3	7	2	4	5	
26	0	2	5	3	2	1	11	12	5	5	2	5	5	
27	3	0	3	2	5	2	3	2	1	1	0	5	2	
28	1	2	2	3	2	0	3	2	0	5	0	1	2	
29	0	3	2	2	1	0	0	0	0	1	2	2	1	
30	2	0	3	0	2	1	4	2	0	2	2	2	2	
31	3	2	5	3	6	2	6	4	4	6	2	5	4	
MEAN	3	2	3	3	3	3	3	3	3	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	5	2	5	3	0	2	2	3	2	5	3	
2	7	5	2	6	6	6	3	4	7	2	2	3	4	
3	3	2	0	5	9	3	0	2	0	2	2	3	3	
4	4	2	2	0	5	2	4	0	3	3	4	13	4	
5	8	8	5	3	2	3	5	2	3	0	3	2	4	
6	2	0	3	0	0	0	3	2	2	0	2	2	1	
7	0	2	0	0	5	0	0	0	2	0	0	0	1	
8	3	3	5	5	3	0	2	0	2	3	9	10	4	
9	12	7	7	3	5	***	3	4	0	2	7	5	5	
10	3	4	5	7	0	3	3	2	0	5	2	5	3	
11	3	0	3	4	0	2	2	3	0	0	5	0	2	
12	0	0	0	0	2	0	3	0	0	2	2	2	1	
13	2	2	3	0	2	0	0	5	3	0	2	2	2	
14	2	0	5	2	2	2	2	0	2	3	3	5	2	
15	4	0	7	7	7	2	2	2	5	5	3	2	4	
16	5	5	2	7	***	7	0	2	3	4	2	1	3	
17	2	4	3	5	7	2	3	2	3	3	5	1	3	
18	4	3	5	3	5	3	2	0	0	5	5	3	3	
19	3	5	3	0	2	2	0	0	0	5	0	2	2	
20	2	5	5	2	3	9	5	2	0	0	7	5	4	
21	3	2	7	7	2	2	3	2	0	0	2	2	3	
22	0	0	0	3	3	0	0	0	0	0	0	2	1	
23	2	2	3	5	***	7	2	3	4	2	3	3	3	
24	7	5	3	2	3	2	0	3	4	2	0	3	3	
25	2	5	1	5	2	3	2	2	2	2	2	0	2	
26	5	2	3	0	3	0	0	0	0	5	0	0	2	
27	2	2	3	2	2	0	2	0	2	3	2	2	2	
28	3	2	3	3	3	2	0	0	2	2	5	5	3	
MEAN	3	3	3	3	4	2	2	2	2	2	3	3	2.7	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	0	0	0	2	2	0	2	3	2	2
2	2	2	2	0	0	3	0	0	2	0	0	0	1	1
3	2	2	0	0	0	2	2	2	0	2	3	2	1	1
4	1	2	2	0	2	2	2	2	0	0	0	2	2	1
5	1	2	2	0	3	5	2	2	5	2	5	2	2	2
6	1	3	1	3	4	3	3	2	3	3	9	6	3	3
7	0	7	2	2	4	5	2	12	9	9	2	2	5	5
8	0	7	4	1	2	0	2	0	2	0	3	0	2	2
9	5	2	2	0	0	0	0	1	0	2	6	3	1	1
10	0	0	2	0	0	0	0	0	0	2	6	3	1	1
11	2	0	3	6	5	3	3	3	3	2	12	4	4	4
12	2	0	2	7	2	6	5	9	5	13	3	2	5	5
13	6	3	4	1	2	6	6	9	4	4	7	0	4	4
14	2	2	4	2	2	2	1	0	2	2	4	2	2	2
15	5	0	1	2	6	4	1	5	5	7	6	2	4	4
16	2	1	4	1	1	2	0	2	2	0	2	6	2	2
17	3	0	2	3	0	0	2	0	3	0	1	5	2	2
18	1	4	6	7	2	7	7	5	6	3	5	2	5	5
19	2	7	3	7	6	2	2	2	2	2	4	4	4	4
20	2	6	6	4	1	1	2	2	2	2	0	1	2	2
21	0	2	0	0	0	0	3	1	2	4	0	0	1	1
22	2	2	3	4	2	0	2	1	2	1	2	2	2	2
23	8	2	5	5	***	0	5	3	3	3	4	3	4	4
24	7	5	6	4	4	7	6	0	7	5	5	5	5	5
25	7	8	5	7	2	3	0	4	2	3	3	3	4	4
26	7	5	7	4	3	2	0	2	8	5	4	4	4	4
27	6	5	8	4	4	5	6	8	4	6	7	4	6	6
28	6	4	5	4	3	4	2	1	4	2	3	4	4	4
29	2	4	4	8	***	4	4	4	2	3	3	3	4	4
30	8	5	3	4	5	5	3	2	2	9	2	4	4	4
31	3	0	2	1	5	5	0	2	0	1	0	4	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3.0	3.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	0	6	2	2	2	2	4	4	4	3	3
2	2	3	2	3	2	2	1	0	2	2	2	2	2	2
3	0	2	2	0	1	0	2	0	2	0	1	2	1	1
4	2	1	2	2	4	0	2	1	0	3	2	0	2	2
5	3	2	0	0	2	0	2	2	0	3	4	0	2	2
6	3	4	2	3	***	0	0	0	0	0	4	0	1	1
7	1	1	2	1	1	3	5	1	9	4	6	5	3	3
8	9	3	2	0	0	0	0	2	0	0	0	0	2	2
9	0	1	1	0	1	0	2	1	0	2	0	0	1	1
10	1	2	1	2	0	1	2	0	2	0	3	0	1	1
11	2	0	2	2	0	1	2	0	2	2	1	0	1	1
12	0	2	2	1	2	1	2	1	3	1	0	2	1	1
13	2	0	0	0	0	1	0	1	0	2	1	0	1	1
14	1	1	2	2	***	***	2	0	0	0	1	2	1	1
15	1	2	2	1	1	2	2	0	2	0	0	3	1	1
16	5	5	4	3	3	4	2	2	2	4	1	2	3	3
17	2	0	2	3	2	1	2	0	2	0	2	2	2	2
18	2	2	2	1	0	1	1	0	2	0	2	2	1	1
19	2	0	1	4	1	2	2	2	0	0	1	1	1	1
20	2	2	2	2	2	3	2	3	3	3	3	4	3	3
21	3	2	2	5	11	7	3	1	0	1	0	2	3	3
22	1	0	1	2	1	0	0	0	2	0	1	0	1	1
23	0	0	0	0	1	0	1	1	4	2	3	0	1	1
24	1	0	2	1	0	2	1	2	2	0	2	0	1	1
25	1	2	2	0	1	2	3	0	2	4	5	2	2	2
26	5	4	3	0	***	-	-	-	-	-	-	-	*****	*****
27														
28														
29														
30														
MEAN	2	2	2	2	2	1	2	1	2	1	2	1	1.6	1.6

PERCENTAGE OF DATA VALID - 83.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 15.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH - JUL 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN													

PERCENTAGE OF DATA VALID - 85.2

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 10.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH - AUG 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN													

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	5	5	1	3	1	2	3	4	0	1	2	2
2	1	3	3	0	4	0	3	2	2	0	0	0	2	2
3	2	2	1	0	2	2	1	2	0	2	1	0	1	1
4	1	1	0	0	1	0	0	1	0	0	1	0	0	0
5	1	2	6	2	0	0	2	1	2	0	0	0	1	1
6	4	4	5	1	2	3	2	0	2	2	4	0	2	2
7	2	2	3	3	4	0	2	1	0	3	2	3	2	2
8	2	1	2	2	3	1	0	2	0	2	0	2	1	1
9	2	2	1	0	0	0	1	4	3	2	0	3	2	2
10	2	0	2	0	3	0	0	2	0	0	2	2	1	1
11	4	4	3	2	3	3	1	5	0	2	2	2	3	3
12	3	1	0	2	0	4	0	2	2	6	3	2	2	2
13	3	2	2	4	3	3	3	2	4	3	2	1	3	3
14	1	2	1	4	2	2	3	2	2	1	3	0	2	2
15	0	2	2	2	2	2	0	1	0	2	2	2	1	1
16	2	0	2	3	2	0	2	0	0	0	1	1	1	1
17	2	2	3	2	0	3	0	0	0	2	1	0	1	1
18	1	0	4	2	2	1	2	1	2	1	1	0	1	1
19	0	0	0	2	3	0	2	1	0	2	3	2	1	1
20	2	6	3	6	2	2	2	3	0	0	4	4	3	3
21	6	2	3	4	2	0	0	1	0	1	0	1	2	2
22	0	3	0	1	0	2	3	2	2	2	2	2	2	2
23	3	0	0	2	0	4	1	0	2	0	0	4	1	1
24	2	0	3	0	0	0	0	2	0	2	0	2	1	1
25	1	0	0	3	0	0	0	3	2	1	1	0	1	1
26	1	3	0	4	3	0	0	2	2	0	2	0	1	1
27	0	0	5	0	0	2	0	2	0	0	3	0	1	1
28	0	0	2	1	0	0	5	0	2	0	0	0	1	1
29	0	0	4	1	2	2	2	0	3	0	5	0	2	2
30	0	3	0	0	3	0	0	0	3	4	0	0	1	1
MEAN	2	2	2	2	2	1	1	2	1	1	2	1	1.5	1.5

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	0	2	0	2	0	2	0	1	1	1
2	0	0	2	0	0	0	0	0	0	0	4	0	1	1
3	0	4	0	3	0	0	0	5	5	7	9	3	3	3
4	2	0	2	0	3	3	0	0	4	2	2	2	2	2
5	3	0	3	7	2	3	2	4	1	5	1	2	3	3
6	2	2	0	1	0	2	5	2	3	0	2	0	2	2
7	2	0	0	0	0	0	2	0	2	0	2	0	1	1
8	2	3	0	0	2	0	0	2	0	0	0	0	1	1
9	0	6	3	2	2	0	2	0	2	3	2	4	2	2
10	2	0	3	4	5	2	3	3	5	3	7	3	3	3
11	5	3	5	9	7	5	2	2	3	2	2	0	4	4
12	3	0	3	2	****	2	2	3	2	0	2	3	2	2
13	1	0	2	2	2	2	0	1	2	0	2	1	1	1
14	2	0	2	3	2	0	3	1	2	0	2	2	2	2
15	2	2	3	3	2	0	2	1	0	5	0	4	2	2
16	2	2	0	3	0	0	2	4	2	2	2	2	2	2
17	7	4	7	12	8	2	3	5	2	3	2	4	5	5
18	2	2	6	3	****	0	2	2	3	8	5	7	4	4
19	3	5	4	8	5	5	2	2	4	2	6	0	4	4
20	4	3	5	6	2	2	2	0	2	3	1	4	3	3
21	4	2	2	4	4	2	2	2	2	4	2	3	3	3
22	2	3	5	2	3	3	2	2	5	3	3	5	3	3
23	2	3	1	3	1	0	2	0	2	0	4	2	2	2
24	2	5	2	7	3	0	1	3	2	3	2	3	3	3
25	0	2	2	4	5	4	2	0	3	3	2	3	3	3
26	2	2	2	2	2	2	2	3	0	2	2	3	2	2
27	3	0	3	2	0	2	2	0	2	4	1	3	2	2
28	2	0	2	4	0	2	2	0	1	2	4	2	2	2
29	2	3	2	2	2	2	3	1	2	3	2	4	2	2
30	2	5	5	8	8	6	1	2	2	5	5	2	4	4
31	3	2	7	5	11	4	5	****	0	2	0	3	4	4
MEAN	2	2	3	4	3	2	2	2	2	3	3	2	2.4	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	6	13
FEB	28	2.7	5	13
MAR	31	2.0	4	9
APR	22	2.1	6	19
MAY	31	3.0	6	13
JUN	25	1.6	3	11
JUL	25	1.9	3	9
AUG	31	1.6	3	9
SEP	30	1.5	3	6
OCT	31	2.4	5	12
NOV	30	3.2	9	13
DEC	31	2.4	5	12
YEAR	346	2.3	9	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	286	78	6	0	0	0	0	370
FEB	260	71	2	0	0	0	0	333
MAR	331	37	0	0	0	0	0	368
APR	245	26	2	1	0	0	0	274
MAY	283	84	3	0	0	0	0	370
JUN	288	12	1	0	0	0	0	301
JUL	303	14	0	0	0	0	0	317
AUG	349	18	0	0	0	0	0	367
SEP	348	12	0	0	0	0	0	360
OCT	319	48	2	0	0	0	0	369
NOV	249	95	12	0	0	0	0	356
DEC	317	54	1	0	0	0	0	372
YEAR	3578	549	29	1	0	0	0	4157

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.9	0	0.0	0.6	1.6	2.4	4.6	6.0	7.7	8.8	19	2.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS. SCARBORO								MONTH - JAN		78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN					
1	0	9	5	3	0	0	2	2	0	0	0	0	2					
2	4	2	2	2	0	5	3	0	5	2	0	3	2					
3	2	2	3	7	5	0	2	3	0	0	9	4	3					
4	5	3	8	5	0	9	2	9	3	0	7	4	5					
5	4	0	0	5	0	7	3	3	0	2	5	0	2					
6	5	0	0	0	0	0	0	2	0	5	1	5	2					
7	0	2	2	7	0	4	2	3	2	2	2	0	2					
8	0	2	2	3	5	3	0	3	5	6	5	2	3					
9	5	0	0	5	0	0	0	0	2	0	0	7	2					
10	0	2	3	0	0	0	****	2	2	0	3	3	1					
11	1	2	5	5	1	3	3	2	5	1	3	2	3					
12	0	7	5	3	3	7	3	2	1	4	4	2	2					
13	3	4	2	0	3	0	2	0	4	0	1	2	2					
14	0	2	0	2	0	3	0	0	0	2	0	2	1					
15	0	0	0	5	3	0	1	3	3	6	4	3	2					
16	2	1	2	2	3	2	5	2	5	2	2	8	3					
17	7	5	2	2	7	0	4	3	0	5	0	2	3					
18	0	0	0	7	0	2	0	0	7	0	4	6	2					
19	3	0	4	7	11	3	0	2	2	0	2	1	3					
20	0	2	1	0	5	6	0	2	2	1	0	0	2					
21	2	2	0	0	1	2	9	0	0	11	7	11	4					
22	11	11	3	0	3	3	3	4	1	6	0	2	4					
23	5	3	0	3	7	4	****	0	5	3	1	2	3					
24	5	3	3	7	3	7	4	7	5	5	6	3	5					
25	3	2	3	11	7	7	5	1	2	3	1	3	4					
26	5	0	2	1	3	0	3	2	1	0	3	0	2					
27	3	0	3	3	0	0	0	1	2	2	0	2	1					
28	0	2	0	2	3	0	2	0	3	3	1	0	1					
29	0	0	3	0	3	4	0	4	0	1	2	2	2					
30	0	0	4	2	6	3	2	2	0	2	2	2	2					
31	1	4	3	5	2	4	2	2	2	5	1	4	3					
MEAN	2	2	2	3	3	3	2	2	2	3	2	3	2.5					

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019				MET BRANCH SCARBOROUGH BLUFFS. SCARBORO								MONTH - FEB 78			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	3	2	0	2	1	2	5	0	3			
2	1	3	6	6	2	2	0	5	4	8	5	4			
3	2	3	3	3	2	3	0	2	0	2	3	1			
4	0	0	3	6	2	5	5	0	4	4	3	5			
5	2	0	4	0	2	0	3	0	4	1	2	0			
6	0	3	2	2	1	2	0	3	6	2	3	0			
7	0	0	2	3	0	3	0	4	3	0	3	2			
8	1	2	2	2	2	3	5	2	5	3	3	3			
9	3	0	2	2	1	4	1	0	5	4	3	3			
10	3	5	3	3	6	0	3	0	3	0	3	2			
11	5	3	5	0	0	2	0	2	0	2	2	4			
12	0	2	2	3	1	2	0	0	2	0	0	0			
13	5	0	2	2	0	2	0	3	0	0	2	0			
14	4	0	0	5	3	5	0	3	3	4	1	6			
15	0	3	2	5	6	0	2	2	2	3	5	3			
16	5	2	4	2	3	4	4	3	2	2	3	2			
17	4	5	3	2	0	5	0	2	3	2	5	2			
18	5	6	2	5	2	2	2	1	2	0	3	0			
19	2	3	2	2	0	3	2	0	3	3	3	0			
20	6	2	5	5	3	3	3	2	2	4	0	5			
21	2	5	3	3	0	3	2	****	3	0	3	0			
22	2	0	4	1	2	2	0	3	2	2	3	2			
23	0	3	0	3	2	7	0	3	0	7	2	3			
24	2	6	2	4	0	2	2	3	2	3	2	3			
25	2	3	0	3	0	1	0	2	5	2	2	0			
26	3	0	4	2	0	2	2	1	4	2	0	2			
27	3	0	3	2	0	1	2	2	4	0	3	2			
28	2	3	3	4	6	0	2	2	3	0	3	0			
MEAN	2	2	3	3	2	2	2	2	3	2	3	2	2.		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	3	3	2	5	0	3	0	0	3	0	3	2	
2	0	0	3	2	5	0	2	2	2	2	5	0	2	
3	2	0	2	0	0	2	1	5	2	5	0	0	2	
4	2	2	2	0	3	2	0	5	0	2	2	2	2	
5	2	3	3	0	3	0	3	2	2	0	1	2	2	
6	0	6	6	1	6	2	3	5	1	3	3	3	3	
7	2	0	3	2	2	3	0	3	0	0	0	2	1	
8	1	3	2	2	3	1	0	0	2	3	5	7	2	
9	5	7	2	5	4	3	2	2	2	2	2	5	3	
10	0	7	5	7	3	3	3	2	3	3	7	2	4	
11	2	9	3	3	5	2	2	1	3	4	5	3	4	
12	3	2	0	4	2	3	5	0	3	0	2	5	2	
13	0	2	4	7	2	0	5	2	2	0	3	0	2	
14	5	0	3	4	0	2	5	2	5	0	3	0	2	
15	0	0	0	0	3	0	0	2	0	2	3	0	1	
16	0	2	2	0	1	0	0	0	0	0	3	0	1	
17	3	0	0	0	3	0	2	3	0	0	3	0	1	
18	0	2	0	3	0	0	0	3	0	0	2	0	1	
19	0	1	2	2	2	4	0	2	0	0	0	0	1	
20	2	1	2	1	0	2	2	0	0	0	0	0	1	
21	1	0	5	2	3	8	0	2	2	2	5	0	3	
22	2	0	2	0	3	1	0	2	0	2	0	2	1	
23	0	0	2	0	0	0	2	0	0	0	2	0	1	
24	2	2	0	2	3	0	0	3	2	0	0	3	1	
25	0	2	3	2	2	0	0	0	0	2	2	0	1	
26	2	0	0	3	2	2	0	0	0	0	2	0	1	
27	2	0	0	0	3	0	2	3	2	3	2	0	1	
28	3	0	3	3	3	****	3	2	7	2	4	3	3	
29	7	2	2	0	0	0	2	2	2	1	2	0	2	
30	0	****	2	6	3	7	1	0	0	2	2	5	3	
31	3	2	6	2	1	0	6	1	3	0	0	0	2	
MEAN	2	2	2	2	2	2	2	2	1	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	****	2	2	5	0	5	0	0	3	0	2	2	
2	0	0	0	1	2	1	2	0	0	2	2	3	1	
3	0	0	2	0	0	2	2	2	0	0	0	2	1	
4	2	0	0	1	3	1	3	2	2	3	5	0	2	
5	2	0	2	0	0	3	2	0	2	2	6	9	2	
6	3	5	1	0	0	2	0	0	2	2	2	0	1	
7	2	3	0	5	1	3	0	0	2	0	2	0	2	
8	2	1	2	0	0	2	0	2	0	0	2	0	1	
9	2	3	0	0	0	0	0	2	2	0	0	3	1	
10	1	3	2	0	1	2	3	0	0	0	2	0	1	
11	0	0	0	2	2	2	2	1	0	2	0	0	1	
12	2	1	0	2	3	4	0	0	0	0	2	0	1	
13	3	3	3	0	0	0	0	3	0	0	0	2	1	
14	2	0	0	2	0	2	0	3	0	2	2	0	1	
15	0	0	0	0	0	2	0	0	0	2	2	0	1	
16	2	0	0	2	2	2	0	0	2	0	2	2	1	
17	0	0	2	2	2	2	0	2	0	3	0	0	1	
18	2	0	0	0	2	0	0	7	2	0	0	0	1	
19	0	0	3	0	0	0	0	0	3	0	1	0	1	
20	0	0	2	0	3	0	0	0	3	0	0	2	1	
21	0	0	0	0	0	3	0	0	0	0	3	2	1	
22	0	0	2	2	3	2	1	0	0	1	2	0	1	
23	2	3	0	2	0	0	0	0	0	2	5	3	1	
24	0	2	0	0	0	0	0	0	0	0	3	1	1	
25	2	2	0	0	2	0	0	0	0	0	2	0	1	
26	2	2	2	0	0	0	2	2	0	0	2	0	1	
27	0	2	3	2	0	0	0	0	0	2	0	0	1	
28	0	0	3	2	0	0	0	0	0	2	0	3	1	
29	1	4	0	0	0	2	1	0	0	0	1	0	1	
30	0	2	0	0	2	0	0	0	0	2	0	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1.1	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH - MAY 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	0	0	0	0	2	0	0	2	1
2	0	0	0	0	0	0	0	0	2	0	0	0	0
3	0	0	1	5	0	0	0	4	0	2	0	0	1
4	3	0	0	0	2	0	4	0	0	2	0	0	1
5	3	2	2	0	0	3	2	0	0	5	3	0	1
6	2	0	0	2	0	2	0	3	0	2	1	0	1
7	3	0	2	3	0	2	2	5	2	0	2	0	1
8	2	0	2	0	2	0	2	0	0	5	2	0	1
9	0	3	2	0	3	0	0	3	0	0	2	2	1
10	0	0	2	3	0	2	0	0	0	0	2	2	1
11	1	0	2	4	2	0	0	2	0	2	0	0	1
12	3	2	0	0	2	2	0	3	2	0	0	2	1
13	3	0	0	1	0	0	3	0	0	4	0	2	1
14	0	0	2	0	2	0	2	0	0	0	2	0	1
15	3	0	0	0	2	0	0	0	0	0	0	2	1
16	2	3	0	3	2	0	0	0	0	2	0	0	1
17	0	0	1	0	0	0	2	3	0	2	1	0	1
18	0	3	2	2	0	2	0	0	0	2	0	5	3
19	0	4	7	2	3	5	0	0	0	0	3	2	1
20	0	3	0	2	4	0	0	2	0	0	0	2	1
21	0	2	0	0	0	0	0	0	0	0	5	3	1
22	0	0	3	0	5	0	0	0	0	2	3	2	1
23	2	0	3	0	0	0	2	0	2	0	0	2	1
24	3	0	3	2	2	0	0	0	0	0	0	0	1
25	2	0	3	0	2	2	3	2	2	0	2	3	2
26	2	0	2	0	0	0	2	5	2	3	0	0	1
27	0	4	3	3	0	0	0	0	0	0	0	3	1
28	2	2	0	0	0	2	0	2	0	2	2	0	1
29	0	0	4	0	0	0	0	3	3	0	3	0	1
30	0	0	0	2	0	0	0	0	0	0	0	0	1
31	0	0	3	3	0	0	4	0	3	0	2	2	1
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH - JUN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	0	3	2	1	0	0	0	2	2	1
2	0	0	0	0	3	2	0	0	0	2	3	0	1
3	3	0	0	2	0	2	0	0	2	0	3	0	1
4	0	0	0	2	0	3	0	0	0	0	0	0	0
5	---	---	---	---	---	---	DATA INVALID	3	3	2	3	0	*****
6	0	1	3	0	0	2	0	0	0	0	2	2	1
7	0	0	0	0	2	0	2	3	0	0	0	0	1
8	2	2	0	0	2	0	2	0	0	0	0	0	0
9	2	0	0	0	0	0	0	0	0	0	0	2	1
10	0	0	0	3	2	0	0	0	0	0	0	0	1
11	2	0	0	0	0	2	3	2	0	0	2	2	1
12	0	0	0	0	0	2	3	5	0	0	0	0	1
13	0	0	0	2	0	0	0	0	1	1	0	0	0
14	0	0	0	0	2	0	2	1	1	2	0	2	1
15	1	1	0	0	0	1	3	0	0	0	3	0	1
16	2	1	0	1	0	0	0	0	2	0	1	0	1
17	0	0	2	2	0	0	0	0	0	0	0	0	1
18	2	0	0	2	2	3	1	2	2	0	2	0	1
19	0	0	0	2	0	1	0	2	0	0	0	0	1
20	0	2	0	0	1	3	1	0	2	0	0	0	1
21	2	1	2	2	0	0	0	3	0	0	1	0	1
22	0	0	2	1	2	1	0	0	1	2	2	2	1
23	2	1	0	0	0	---	0	2	1	0	0	3	1
24	2	1	2	2	1	0	3	3	0	2	1	2	2
25	2	2	3	2	4	0	3	2	0	2	5	1	2
26	3	1	0	3	2	1	4	0	2	2	0	2	2
27	3	1	2	1	2	0	0	0	0	2	0	0	1
28	1	2	1	2	2	0	1	0	0	0	0	1	1
29	3	3	4	0	1	1	0	2	0	0	0	2	1
30	0	3	1	2	1	1	0	2	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 94.7

PERCENTAGE OF DATA INVALID - 5.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	2	1	0	0	2	0	0	0	1	
2	0	0	0	2	1	0	2	0	2	0	0	0	1	
3	0	0	0	1	2	2	1	2	0	2	2	0	1	
4	2	2	1	0	0	0	2	0	0	0	4	2	1	
5	5	4	2	7	5	0	2	0	0	1	2	3	3	
6	0	0	3	3	4	2	4	***	2	2	5	3	2	
7	7	0	4	2	3	2	2	2	2	0	3	2	2	
8	3	3	3	1	3	0	0	0	2	2	0	0	1	
9	0	2	2	0	2	0	0	0	2	2	5	1	1	
10	3	0	3	0	0	2	0	0	2	0	3	0	1	
11	3	0	0	0	0	1	0	2	0	2	0	2	1	
12	0	3	0	3	3	2	0	0	2	0	2	0	1	
13	3	3	0	3	2	2	2	1	2	0	4	3	2	
14	3	2	5	3	0	4	2	2	0	2	0	2	2	
15	5	2	0	2	0	2	3	3	2	0	2	0	2	
16	1	0	3	2	0	0	2	0	2	0	0	3	1	
17	0	0	2	0	0	0	0	0	0	3	1	2	1	
18	4	3	2	3	3	2	3	***	2	0	2	3	2	
19	1	2	2	2	3	5	2	3	0	2	3	4	2	
20	2	3	0	2	3	5	3	3	2	2	3	0	2	
21	3	3	0	2	3	3	1	2	0	3	2	3	2	
22	0	0	1	2	4	0	2	0	2	2	2	3	2	
23	1	3	0	2	2	0	0	0	0	3	0	0	1	
24	2	0	0	2	3	0	2	0	3	2	0	2	1	
25	0	0	2	0	0	3	0	0	2	0	2	2	1	
26	1	2	0	2	2	1	0	0	3	2	0	2	1	
27	2	0	2	0	2	0	2	2	0	3	0	2	1	
28	0	0	4	0	0	0	2	2	5	2	0	0	1	
29	0	1	3	2	1	2	2	2	2	0	0	0	1	
30	2	0	0	0	0	2	0	2	2	0	0	0	1	
31	0	0	0	0	2	3	2	2	0	0	7	5	2	
MEAN	2	1	1	2	2	2	1	1	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													MONTH - AUG, 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	5	0	3	0	5	2	2	2	0	3	3	2	
2	0	5	2	5	2	2	2	2	3	2	2	3	3	
3	2	2	0	2	2	2	0	0	3	0	3	0	1	
4	0	0	1	2	0	2	0	0	2	2	2	0	1	
5	2	0	0	3	2	0	6	0	1	2	0	2	2	
6	2	4	1	8	0	2	0	0	2	2	3	3	2	
7	2	0	2	2	4	0	3	0	2	2	2	0	2	
8	0	3	1	3	5	3	2	0	3	2	3	0	2	
9	2	5	0	5	3	3	***	0	2	2	0	1	2	
10	2	0	3	1	0	0	0	0	0	3	0	2	1	
11	3	5	0	5	2	0	0	0	0	3	0	3	2	
12	4	0	2	3	0	0	3	0	0	3	3	2	2	
13	3	2	2	5	2	2	2	3	1	2	3	2	3	
14	3	4	3	7	5	2	3	2	3	1	3	3	3	
15	0	2	7	3	3	2	2	1	2	0	0	3	2	
16	0	5	0	3	0	0	2	2	0	3	0	2	1	
17	0	3	0	2	0	0	0	0	0	2	1	2	1	
18	1	2	2	0	3	0	0	2	0	0	2	0	1	
19	1	0	2	2	2	2	0	1	0	2	2	1	1	
20	2	0	0	0	0	1	0	0	0	5	0	3	1	
21	0	3	2	2	0	0	2	1	2	2	0	1	1	
22	0	0	3	0	2	0	2	3	0	2	2	3	1	
23	5	6	2	5	2	2	2	3	0	3	0	4	3	
24	5	3	3	3	2	2	3	0	1	0	0	0	2	
25	2	1	1	0	0	0	0	0	2	1	9	0	1	
26	0	0	0	3	2	2	2	2	0	0	3	2	1	
27	0	3	0	2	0	0	0	2	0	0	2	3	1	
28	0	0	2	1	0	2	3	0	2	2	0	3	1	
29	0	2	0	3	2	0	3	0	2	1	0	3	1	
30	2	2	3	5	3	1	4	3	0	2	0	0	2	
31	2	0	1	2	0	1	0	0	0	0	3	2	1	
MEAN	2	2	1	3	2	1	2	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	3	0	0	0	2	0	2	0	2	3	1	1
2	0	0	0	0	2	3	2	2	0	3	1	5	2	2
3	5	2	3	0	2	0	3	0	2	3	0	3	1	1
4	0	0	0	0	0	0	3	0	2	0	2	0	2	2
5	0	2	5	3	3	2	2	0	0	3	3	1	2	2
6	0	3	1	5	2	0	2	0	3	0	2	0	1	1
7	0	3	0	2	0	0	0	0	2	5	0	3	1	1
8	0	0	0	3	0	0	0	3	0	2	0	2	1	1
9	2	3	0	0	2	0	0	2	0	2	0	2	1	1
10	0	0	0	0	0	2	0	2	0	2	0	2	1	1
11	2	2	0	11	5	2	3	3	2	3	3	2	3	3
12	2	0	0	2	2	0	0	2	0	0	0	1	1	1
13	2	2	0	0	0	0	0	2	0	2	0	2	1	1
14	0	2	2	0	0	0	2	3	3	0	2	2	2	2
15	2	3	0	3	1	3	0	3	2	2	0	0	1	1
16	3	2	0	0	2	2	0	0	0	0	2	0	1	1
17	2	0	2	0	2	2	0	0	0	0	2	0	1	1
18	2	0	0	0	2	2	2	2	0	0	0	2	1	1
19	0	2	2	2	0	0	3	0	2	2	2	0	2	2
20	0	2	2	0	3	0	0	7	2	2	2	0	2	2
21	3	5	2	12	2	0	2	0	2	3	0	2	3	3
22	2	2	2	2	0	5	0	0	2	2	2	3	2	2
23	0	2	0	0	2	2	0	0	2	0	0	0	1	1
24	2	0	3	0	2	3	3	0	0	2	0	3	1	1
25	0	0	2	0	0	2	2	1	3	2	0	2	1	1
26	0	1	3	0	2	0	0	0	1	2	0	1	2	2
27	2	3	2	3	3	2	3	4	1	3	0	2	1	1
28	0	0	1	2	2	2	3	0	0	0	1	3	2	2
29	2	4	4	0	2	2	2	0	0	2	1	2	2	2
30	5	2	2	2	0	3	2	2	0	2	1	2	2	2
MEAN	1	2	1	2	1	1	1	1	1	2	1	2	1.4	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	4	1	0	0	0	2	0	2	2	0	1	1
2	0	0	4	2	1	2	0	0	2	0	1	2	2	2
3	0	0	5	2	0	2	3	5	0	2	2	0	2	2
4	4	2	0	4	2	3	0	3	0	2	1	0	2	2
5	2	1	3	2	6	2	2	0	0	2	0	2	1	1
6	0	0	2	0	1	1	0	0	1	3	1	0	1	1
7	0	1	0	2	2	0	0	0	0	0	2	6	2	2
8	0	2	2	1	2	3	2	0	2	2	4	1	2	2
9	2	2	5	1	2	4	2	5	3	2	3	2	3	3
10	1	1	3	5	3	4	2	5	3	2	3	2	3	3
11	4	4	2	5	2	5	2	2	2	2	2	0	3	3
12	2	0	0	5	3	2	2	5	0	0	2	0	1	1
13	1	2	2	5	0	1	2	2	0	2	0	5	2	2
14	1	0	2	2	0	0	3	2	2	2	0	2	2	2
15	3	4	0	2	2	2	1	0	2	2	3	0	2	2
16	0	3	0	0	1	2	1	0	3	0	1	3	3	3
17	3	3	5	0	7	4	2	3	2	6	0	3	3	3
18	7	3	0	2	3	2	0	0	1	2	0	3	3	3
19	6	0	5	3	5	2	0	5	1	2	2	5	3	3
20	3	0	3	9	3	2	0	3	0	0	2	5	3	3
21	3	3	5	2	3	3	2	0	2	3	2	2	3	3
22	4	2	0	2	0	5	3	3	2	2	3	3	2	2
23	0	3	0	0	0	3	***	3	0	0	4	0	1	1
24	3	6	7	5	1	4	1	1	0	1	2	0	3	3
25	0	2	6	2	5	2	5	2	4	2	0	2	2	2
26	1	2	3	1	3	2	0	0	2	2	2	2	2	2
27	2	2	2	2	3	3	0	2	2	3	3	0	3	3
28	4	3	3	5	3	0	3	0	0	1	1	7	2	2
29	4	2	3	0	0	2	3	0	4	2	1	7	2	2
30	2	2	2	0	0	2	3	0	4	2	1	7	2	2
31	2	5	0	11	5	5	0	0	4	2	0	1	3	3
MEAN	2	2	3	3	2	2	1	2	2	2	1	2	2.0	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	4	0	3	2	2	2	0	5	2	2	2
2	2	4	3	2	5	3	4	3	3	3	3	4	3	3
3	5	7	7	9	3	3	2	6	0	5	2	2	4	4
4	2	2	3	2	3	5	5	6	4	6	9	3	5	5
5	12	8	3	7	5	3	3	3	5	3	3	3	3	3
6	3	3	5	6	5	1	0	0	1	2	2	2	1	1
7	0	2	0	0	4	0	3	0	2	0	4	2	3	3
8	1	3	2	5	5	3	3	2	5	2	9	4	4	4
9	4	2	3	5	6	2	1	2	1	2	2	5	3	3
10	5	3	6	2	5	0	5	0	1	2	2	5	3	3
11	2	2	4	4	6	4	2	1	3	2	2	0	3	3
12	0	0	0	0	0	0	1	1	3	2	0	4	1	1
13	0	1	3	2	0	0	0	0	0	2	1	2	1	1
14	2	4	1	2	4	3	0	3	2	3	0	1	2	2
15	0	2	1	0	4	1	****	0	2	3	9	2	2	2
16	6	2	3	2	2	0	1	2	0	0	2	0	2	2
17	2	0	0	0	2	2	0	0	0	0	0	0	1	1
18	0	1	1	3	0	2	2	0	1	0	2	0	1	1
19	0	1	0	3	0	2	0	0	2	0	1	0	1	1
20	3	2	0	2	0	0	0	0	0	2	0	2	1	1
21	0	0	0	1	0	2	****	3	0	2	0	1	1	1
22	1	1	2	0	2	2	0	0	2	0	2	0	1	1
23	4	0	2	5	1	0	2	4	0	3	1	1	2	2
24	1	2	2	2	1	3	8	0	2	1	3	0	2	2
25	2	2	1	2	0	2	2	1	2	0	0	2	1	1
26	1	2	3	0	2	2	2	0	4	0	3	2	1	1
27	0	0	0	2	2	0	2	0	4	0	3	2	1	1
28	0	2	3	2	6	0	5	4	3	4	2	0	3	3
29	2	0	2	2	0	2	1	2	0	0	0	3	1	1
30	3	3	4	0	2	0	2	4	0	3	2	0	2	2
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	2	3	2	3	3	3	2	2	2	2
2	1	0	0	1	2	2	0	3	2	0	2	0	1	1
3	1	0	1	0	2	2	0	0	2	0	2	0	1	1
4	3	1	0	2	2	2	2	2	1	2	2	3	2	2
5	0	1	0	2	1	5	3	3	0	3	3	0	2	2
6	1	3	3	3	3	4	0	0	2	1	2	2	2	2
7	2	3	0	0	2	0	0	3	0	0	0	0	1	1
8	3	3	0	5	2	0	2	1	2	0	3	1	2	2
9	1	2	0	2	0	0	2	0	0	3	0	3	1	1
10	0	0	3	2	0	3	0	3	4	2	0	2	2	2
11	5	0	3	3	3	2	4	2	2	4	3	2	3	3
12	2	2	2	0	1	3	0	4	3	0	1	0	2	2
13	2	2	2	2	1	2	3	0	2	0	0	2	2	2
14	0	2	2	2	2	3	3	3	5	2	3	0	2	2
15	2	4	4	3	0	0	1	2	2	1	1	2	2	2
16	4	0	5	4	2	2	4	1	1	3	2	1	3	3
17	2	2	3	1	0	2	2	1	1	0	2	1	1	1
18	1	0	0	4	4	1	3	2	2	1	0	3	2	2
19	0	5	1	3	2	0	2	2	2	1	2	0	1	1
20	2	0	2	0	3	2	2	2	5	3	2	0	2	2
21	4	0	3	1	2	2	4	0	7	5	1	1	3	3
22	2	1	2	2	2	0	0	3	1	3	3	1	2	2
23	2	1	5	2	2	0	2	2	3	3	4	5	3	3
24	1	3	0	0	0	2	2	1	2	2	4	2	2	2
25	0	0	0	0	3	5	2	0	0	2	2	1	1	1
26	1	0	0	0	2	2	2	2	3	5	3	3	2	2
27	0	2	5	0	5	2	0	2	2	2	3	3	2	2
28	3	2	0	3	3	3	3	2	3	4	4	2	3	3
29	1	3	3	1	3	1	1	0	2	0	1	0	1	1
30	0	2	2	2	2	2	0	4	1	1	2	2	2	2
31	1	0	5	2	1	3	1	3	2	2	1	0	2	2
MEAN	2	1	2	2	2	2	2	2	2	2	2	1	1.8	1.8

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	5	11
FEB	28	2.3	4	8
MAR	31	1.9	4	9
APR	30	1.1	2	9
MAY	31	1.1	3	7
JUN	28	1.0	2	5
JUL	31	1.5	3	7
AUG	31	1.6	3	8
SEP	30	1.4	3	12
OCT	31	2.0	3	11
NOV	30	2.0	5	12
DEC	31	1.8	3	7
YEAR	363	1.7	5	12

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	296	68	6	0	0	0	0	370
FEB	293	42	0	0	0	0	0	335
MAR	329	41	0	0	0	0	0	370
APR	350	9	0	0	0	0	0	359
MAY	362	10	0	0	0	0	0	372
JUN	339	2	0	0	0	0	0	341
JUL	357	13	0	0	0	0	0	370
AUG	347	24	0	0	0	0	0	371
SEP	347	11	2	0	0	0	0	360
OCT	334	36	1	0	0	0	0	371
NOV	318	39	1	0	0	0	0	358
DEC	356	16	0	0	0	0	0	372
YEAR	4028	311	10	0	0	0	0	4349

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.3	0	0.0	0.0	1.2	1.9	3.2	4.5	5.8	6.7	12	1.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	3	1	1	0	2	2	3	2	0	2	2	2
2	2	3	0	0	2	0	2	0	0	2	3	2	1	1
3	0	0	4	1	1	2	1	0	0	2	2	2	2	2
4	1	0	2	0	8	5	2	1	1	0	2	3	2	2
5	3	2	5	13	6	1	2	2	4	4	6	6	5	5
6	0	4	1	3	3	2	2	0	5	5	2	3	3	3
7	1	2	2	0	3	5	3	3	4	3	4	10	2	3
8	6	2	3	1	2	0	2	3	1	2	3	2	1	1
9	0	0	2	0	0	1	0	2	0	0	2	1	1	1
10	2	0	0	2	1	0	1	***	0	3	2	2	1	1
11	2	3	2	3	4	0	0	2	0	3	3	3	2	2
12	2	2	0	0	3	2	4	5	4	3	3	5	3	3
13	4	0	3	2	5	4	6	4	4	2	3	5	4	4
14	2	3	0	0	0	5	0	2	2	2	3	0	2	1
15	0	2	0	2	0	0	2	0	2	4	2	2	2	2
16	0	0	3	0	2	5	3	2	5	2	3	7	3	3
17	5	5	0	3	5	4	5	5	4	4	3	1	4	4
18	2	2	2	0	2	2	0	2	2	3	2	1	2	2
19	6	4	2	4	9	5	5	7	5	3	5	3	5	5
20	2	0	0	2	3	3	3	4	2	2	5	5	2	2
21	1	6	2	0	0	0	3	4	2	5	7	7	3	3
22	0	3	0	3	2	3	2	7	2	3	2	2	2	2
23	3	2	2	2	3	3	2	2	2	4	2	2	2	2
24	7	3	5	3	3	5	6	***	9	5	7	5	5	5
25	7	8	7	12	15	10	13	5	13	6	3	0	8	8
26	0	3	0	3	0	2	2	1	3	2	3	2	2	2
27	0	2	0	3	0	1	0	0	3	3	5	0	1	1
28	0	0	0	1	2	0	0	0	0	2	1	0	1	1
29	2	0	2	2	2	2	0	2	1	0	3	2	2	2
30	0	0	0	2	9	5	2	0	4	0	3	0	2	2
31	3	0	2	5	5	7	2	2	2	0	0	5	3	3
MEAN	2	2	2	2	3	3	2	2	3	3	3	3	2.5	2.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	0	5	4	0	2	0	5	4	2	2	2
2	0	1	2	2	3	6	3	3	3	6	5	6	3	3
3	2	0	2	8	7	4	2	2	2	2	2	3	3	3
4	0	3	4	0	4	2	2	3	2	9	5	9	4	4
5	6	2	1	3	1	3	1	2	1	2	2	2	2	2
6	3	4	3	3	1	0	2	7	0	1	0	2	2	2
7	1	2	3	3	2	0	0	0	5	1	1	0	2	2
8	2	2	2	1	2	1	0	6	0	6	2	2	2	2
9	0	0	0	2	2	0	0	0	2	4	1	0	1	1
10	0	0	3	4	3	2	0	0	2	2	0	2	2	2
11	3	2	2	0	2	0	0	0	3	0	2	0	1	1
12	0	0	2	0	4	0	3	0	3	0	0	0	0	0
13	2	5	0	0	0	5	3	0	2	1	2	3	2	2
14	0	3	2	2	6	2	0	2	4	5	2	5	3	3
15	0	2	3	3	3	0	3	4	0	5	3	7	3	3
16	5	4	2	2	19	2	5	2	0	2	5	0	4	4
17	1	5	0	2	3	0	1	3	0	2	2	1	2	2
18	5	2	4	1	1	2	9	2	0	5	0	2	3	3
19	0	2	3	2	0	0	2	1	3	0	4	2	2	2
20	2	0	4	3	7	0	3	2	1	3	4	2	3	3
21	3	5	6	5	5	2	0	2	0	3	2	0	3	3
22	2	0	5	2	2	2	0	0	0	0	1	2	1	1
23	2	2	0	3	3	3	2	3	0	0	3	2	2	2
24	2	2	2	0	0	3	0	0	1	2	2	1	1	1
25	2	2	0	2	2	0	3	0	0	1	1	2	1	1
26	5	2	0	0	1	0	3	0	0	0	3	2	1	1
27	4	2	0	0	5	0	2	3	0	0	1	2	2	2
28	2	5	0	7	3	2	0	5	2	3	0	4	3	3
MEAN	2	2	2	2	3	2	2	2	1	3	2	2	2.1	2.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	3	0	2	0	3	1	0	2	0	0	0	2	1
2	0	0	2	0	0	2	0	0	0	2	0	0	2	2
3	0	6	3	0	0	2	1	0	3	0	0	5	1	1
4	0	2	1	0	0	2	0	0	0	2	3	3	1	1
5	2	2	0	0	3	3	0	0	0	2	7	0	3	3
6	0	3	2	4	9	0	0	0	0	0	0	3	1	1
7	0	2	3	0	2	0	2	2	5	7	7	5	4	4
8	0	2	0	5	13	5	2	0	0	4	2	2	3	3
9	7	5	3	6	5	0	3	2	0	7	9	3	3	3
10	4	5	3	3	0	0	0	0	0	0	0	0	0	0
11	2	2	11	7	3	5	3	9	13	7	7	14	7	7
12	4	5	3	5	2	2	5	0	0	0	0	2	2	2
13	3	9	5	2	12	2	3	4	3	0	2	3	4	4
14	3	0	2	5	5	5	2	0	2	0	5	2	3	3
15	2	2	0	3	0	0	0	0	0	0	2	3	1	1
16	0	0	0	5	3	0	5	3	0	2	0	0	2	2
17	0	0	3	2	3	2	3	0	2	0	3	0	1	1
18	3	0	0	0	3	0	0	0	4	0	0	0	2	2
19	3	0	7	2	2	0	0	0	5	1	0	0	2	2
20	0	2	3	2	0	2	0	0	3	1	2	3	0	0
21	5	1	5	12	12	12	****	2	3	0	0	2	5	5
22	9	2	0	0	5	0	2	3	0	3	0	2	2	2
23	0	3	0	2	1	4	0	0	0	2	4	3	2	2
24	3	2	2	0	2	0	0	2	3	3	0	2	2	2
25	2	2	3	0	0	0	2	0	2	2	0	2	1	1
26	0	3	2	2	0	2	2	0	4	2	0	3	2	2
27	2	0	3	0	0	0	2	0	2	2	2	2	1	1
28	0	0	3	0	0	0	2	0	2	0	0	0	1	1
29	0	2	7	3	2	0	1	2	0	0	0	2	2	2
30	2	2	3	0	0	0	0	0	0	0	9	0	0	0
31	2	0	3	7	2	2	0	4	5	3	0	0	2	2
MEAN	2	2	3	3	3	2	2	1	2	2	2	2	2.1	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	3	3	3	3	0	2	0	0	2	2	2
2	2	4	0	0	0	0	0	0	3	3	0	7	2	2
3	3	2	0	0	0	2	0	5	0	2	0	1	4	4
4	0	2	5	3	0	2	7	7	3	9	9	5	2	2
5	0	3	2	0	0	0	2	3	2	1	0	3	3	3
6	0	5	5	7	3	2	3	5	0	0	0	0	1	1
7	2	2	2	0	3	0	2	0	2	0	0	2	1	1
8	0	0	0	2	0	4	0	3	2	3	2	4	2	2
9	0	2	0	3	0	0	0	2	0	9	5	0	2	2
10	0	2	2	2	4	2	0	0	0	0	0	0	0	0
11	3	3	4	3	5	2	5	1	0	0	2	2	3	3
12	0	0	0	0	5	4	0	2	0	2	7	0	2	2
13	2	3	2	5	0	0	0	0	0	0	2	0	1	1
14	0	0	0	2	0	0	0	0	2	2	5	2	1	1
15	0	2	0	2	0	3	2	0	2	0	5	0	2	2
16	0	0	3	2	3	0	0	0	3	1	0	0	1	1
17	0	0	2	0	0	2	0	3	2	2	0	0	1	1
18	0	3	0	3	0	0	2	0	2	2	2	3	2	2
19	0	1	1	0	3	4	0	3	1	3	0	5	2	2
20	2	3	0	3	3	0	1	0	3	0	0	0	0	0
21	2	0	2	2	0	2	0	0	2	0	0	0	1	1
22	5	2	2	2	0	2	0	1	2	0	0	2	2	2
23	1	0	2	0	0	0	0	0	0	0	6	0	2	2
24	0	5	3	2	3	2	2	2	2	0	2	7	3	3
25	2	3	0	5	5	0	0	3	0	3	1	3	2	2
26	3	0	2	2	5	2	0	0	2	1	0	3	2	2
27	0	2	0	3	0	0	0	0	2	0	2	2	1	1
28	2	0	0	0	0	2	0	5	0	3	0	0	0	0
29	2	5	0	0	0	0	3	0	3	2	0	0	0	0
30	0	2	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	2	1	2	2	1	1	2	2	2	2	2	1.6	1.6

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	0	0	0	0	5	0	2	3	1	
2	0	3	0	0	2	0	2	0	0	2	2	2	1	
3	2	0	0	1	4	3	3	2	2	0	0	7	2	
4	3	5	0	7	0	5	2	2	5	0	2	2	3	
5	3	0	0	3	2	2	5	3	0	2	5	7	3	
6	2	2	3	2	4	7	2	3	2	7	5	2	3	
7	2	2	0	3	2	0	5	0	5	0	3	5	2	
8	0	5	7	7	9	5	5	7	5	3	4	2	5	
9	3	13	7	12	3	3	2	0	2	3	4	0	4	
10	0	0	0	0	0	7	2	5	0	0	5	4	2	
11	0	12	15	2	2	3	5	0	3	3	7	7	5	
12	7	3	5	5	3	5	7	7	0	2	0	2	4	
13	0	5	5	5	0	3	3	5	2	2	3	0	3	
14	0	3	0	5	3	3	2	2	0	2	2	0	2	
15	0	2	0	2	2	2	0	2	2	0	3	0	1	
16	0	0	3	3	3	0	2	2	2	3	2	0	2	
17	0	2	0	0	8	2	5	0	0	0	4	1	2	
18	0	0	0	2	0	0	3	0	2	9	3	3	2	
19	7	7	5	3	0	2	2	0	2	2	0	0	3	
20	5	2	0	0	2	0	3	0	2	2	3	0	2	
21	0	0	3	0	0	0	0	2	3	2	1	2	1	
22	0	0	0	0	0	2	0	0	2	0	3	2	1	
23	0	0	0	3	2	3	0	0	0	2	0	5	1	
24	3	5	3	5	3	2	2	3	0	0	3	0	2	
25	4	0	2	3	3	0	2	0	0	0	2	2	2	
26	0	4	0	2	2	2	3	0	3	3	4	5	2	
27	5	2	0	0	0	0	7	0	0	2	0	2	1	
28	3	3	4	0	2	0	0	0	0	0	3	0	1	
29	2	0	5	2	2	0	0	0	0	3	0	0	1	
30	2	0	3	2	3	2	0	3	0	2	0	2	2	
31	2	2	2	0	2	0	****	2	0	0	3	0	1	
MEAN	2	3	2	3	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	3	2	3	3	3	7	0	3	2	
2	0	0	3	0	2	0	0	0	0	0	0	5	1	
3	2	0	2	3	2	0	2	0	0	0	0	0	1	
4	2	2	0	2	2	2	0	0	0	0	3	2	1	
5	1	0	0	0	2	0	0	0	0	3	2	5	1	
6	3	2	0	7	0	3	0	0	0	0	0	5	2	
7	3	7	2	3	0	0	2	0	0	7	3	2	2	
8	0	0	4	0	0	0	2	2	2	0	3	2	1	
9	3	0	0	0	0	0	3	0	3	0	3	0	1	
10	3	0	0	0	2	3	0	2	0	2	0	5	1	
11	0	3	0	7	0	9	0	3	0	3	3	6	3	
12	2	5	6	0	2	0	3	2	0	2	2	0	1	
13	0	0	2	2	2	0	0	2	0	5	0	0	1	
14	0	3	1	2	3	0	2	0	2	0	0	3	1	
15	0	0	0	5	0	2	***	0	0	3	7	2	2	
16	7	7	0	3	0	0	3	0	5	2	3	3	3	
17	2	2	0	5	2	3	7	0	5	3	0	5	3	
18	0	0	1	0	0	9	0	0	0	0	0	2	1	
19	2	0	0	3	5	0	***	0	2	0	2	2	1	
20	3	0	0	7	3	2	0	2	2	3	0	5	2	
21	7	3	12	2	13	2	3	3	5	0	0	2	4	
22	0	0	0	5	0	0	2	0	3	0	5	0	1	
23	2	3	0	7	0	3	0	0	2	0	3	5	2	
24	3	0	0	1	0	0	2	2	7	0	2	0	1	
25	0	4	0	3	0	0	5	0	5	9	0	3	2	
26	5	2	5	0	2	0	3	3	0	0	0	0	2	
27	2	2	3	0	5	2	2	2	2	2	2	0	2	
28	2	2	2	3	2	2	0	2	2	2	0	0	2	
29	2	2	0	0	0	2	0	0	0	2	1	3	2	
30	3	3	0	2	2	0	2	0	2	2	3	2	1	
MEAN	2	2	1	3	2	2	2	1	2	2	2	3	1.8	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE														MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	3	2	0	0	0	0	2	0	3	2	1		
2	0	3	0	0	0	3	0	2	0	2	3	2	1		
3	2	0	0	0	0	0	2	5	2	2	0	2	1		
4	2	0	0	0	2	2	3	3	0	2	3	3	2		
5	2	2	0	3	0	0	3	0	0	3	0	0	2		
6	2	2	0	3	2	2	0	0	5	0	0	2	2		
7	2	5	7	0	***	2	1	1	3	3	0	2	2		
8	5	2	3	0	0	5	1	0	1	0	0	0	1		
9	0	2	1	0	5	2	0	0	2	1	2	3	1		
10	1	1	2	0	0	3	0	2	0	2	2	1	1		
11	0	1	2	2	0	0	2	0	0	0	0	0	1		
12	2	0	2	3	0	1	1	3	0	3	5	7	2		
13	0	5	2	3	1	2	2	7	1	1	5	2	3		
14	2	0	2	5	2	2	3	0	3	0	4	1	2		
15	1	1	2	1	2	0	0	3	1	3	0	0	1		
16	0	3	0	0	1	0	0	2	0	2	0	0	2		
17	3	0	2	3	0	3	2	0	2	0	3	0	1		
18	3	5	2	0	2	5	1	2	0	5	2	2	3		
19	2	0	4	7	2	2	1	2	0	2	2	2	2		
20	2	3	2	3	2	3	3	3	2	3	0	2	2		
21	2	2	1	5	7	0	3	2	0	2	2	2	2		
22	5	1	2	2	2	0	4	2	0	1	0	1	2		
23	2	2	0	0	2	0	0	0	2	0	2	1	1		
24	0	0	0	1	0	3	3	0	3	0	2	2	2		
25	1	0	5	4	0	***	2	0	3	3	0	0	3		
26	0	2	6	4	2	8	2	2	0	5	0	0	1		
27	2	0	3	0	1	2	2	3	0	0	0	5	2		
28	2	1	0	1	0	2	2	3	0	2	0	0	2		
29	2	3	2	2	0	3	0	2	2	2	0	0	1		
30	0	2	1	3	1	2	0	3	1	2	0	0	1		
31	2	2	5	4	3	1	0	2	2	2	3	3	2		
MEAN	2	2	2	2	1	2	1	2	1	2	1	2	1.7		

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE														MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	1	3	4	2	3	3	3	0	2	5	9	3		
2	1	0	0	2	0	4	4	0	3	0	4	2	2		
3	2	1	3	3	0	3	3	2	0	0	2	3	2		
4	0	3	1	0	0	0	0	2	2	0	0	3	1		
5	0	0	2	3	0	0	0	0	5	0	3	1	1		
6	0	0	0	5	0	0	0	2	0	5	2	3	1		
7	0	0	0	2	4	0	2	2	0	0	3	5	2		
8	1	3	0	3	2	2	0	0	0	0	0	3	1		
9	2	0	2	2	0	0	5	2	0	0	0	2	1		
10	0	3	2	0	0	2	0	2	0	0	2	0	1		
11	2	0	3	2	2	0	0	3	0	0	2	2	1		
12	2	0	3	2	0	3	0	0	0	0	3	0	1		
13	0	0	1	2	0	2	2	2	2	0	0	2	1		
14	1	0	2	0	0	0	2	2	2	0	0	2	1		
15	1	0	6	2	0	0	1	2	0	2	0	2	2		
16	1	2	0	6	0	2	3	0	0	0	1	5	1		
17	1	0	2	2	3	0	0	0	0	0	0	0	1		
18	2	2	2	0	0	0	2	0	2	0	0	0	1		
19	3	7	0	0	0	0	2	8	0	0	0	1	2		
20	0	0	1	2	0	2	0	2	0	1	0	1	1		
21	2	0	0	2	2	3	0	0	2	0	3	2	1		
22	3	8	0	2	***	7	17	13	3	7	11	7	7		
23	3	5	6	21	6	3	5	11	3	8	6	5	6		
24	11	11	6	9	5	5	3	11	5	5	5	2	3		
25	2	3	3	5	3	1	0	5	0	9	7	2	2		
26	1	2	0	3	2	0	0	0	0	7	2	0	1		
27	0	0	0	0	3	1	0	2	2	0	0	2	2		
28	4	2	5	3	3	0	2	3	0	2	2	0	1		
29	0	3	2	2	0	2	***	0	0	1	1	2	1		
30	0	2	3	3	2	0	0	2	2	0	0	0	1		
31	0	2	0	2	3	0	2	1	2	0	4	0	1		
MEAN	1	2	2	3	1	2	2	3	1	2	2	2	1.9		

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	2	0	0	2	0	1	2	0	1	
2	2	2	3	0	0	2	1	2	0	0	2	4	2	
3	0	0	0	2	0	0	0	3	0	0	0	1	1	
4	0	0	1	2	2	0	2	0	0	0	0	0	1	
5	5	2	0	2	2	0	3	0	3	0	0	0	2	
6	2	2	7	3	0	2	***	2	2	0	3	0	1	
7	0	3	3	0	0	5	0	3	0	0	2	2	1	
8	2	0	0	0	0	3	0	2	2	2	2	0	1	
9	0	0	3	0	2	0	0	2	0	1	2	2	1	
10	0	0	0	0	2	0	0	2	0	2	2	2	1	
11	2	7	9	9	15	9	3	0	2	5	5	0	6	
12	0	0	0	3	3	0	2	0	2	2	0	3	1	
13	0	0	5	2	3	2	0	3	0	3	3	2	2	
14	0	0	0	4	2	2	2	2	2	0	2	2	2	
15	3	0	0	0	0	0	0	4	0	2	0	2	1	
16	0	0	0	0	0	2	0	0	0	0	0	0	0	
17	3	0	5	2	2	0	0	0	2	0	1	2	1	
18	0	2	2	3	2	0	0	2	5	2	3	7	3	
19	2	0	3	0	7	2	0	0	5	3	3	7	3	
20	2	2	3	7	5	1	1	0	0	3	7	7	3	
21	7	9	17	17	8	2	***	5	0	0	0	0	6	
22	3	2	2	1	2	2	5	2	0	5	2	0	2	
23	2	7	2	0	0	0	2	2	0	3	3	2	2	
24	2	0	7	0	2	0	0	3	2	3	2	5	2	
25	2	0	0	4	0	0	3	1	3	0	2	2	1	
26	0	2	2	9	7	0	0	3	0	2	5	2	3	
27	0	2	6	9	3	5	4	2	2	7	0	2	3	
28	2	1	0	2	2	0	0	5	2	0	2	3	2	
29	7	2	2	9	5	3	2	3	0	0	0	2	3	
30	3	3	3	7	0	2	0	2	4	2	3	3	3	
MEAN	2	2	3	3	3	2	1	2	1	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	0	0	0	0	0	0	3	2	1	
2	0	0	2	3	7	***	5	3	2	4	3	9	3	
3	11	6	0	3	0	9	7	3	5	0	3	2	4	
4	2	0	3	5	0	4	2	0	3	0	3	3	2	
5	3	8	3	9	4	4	0	5	2	1	1	3	4	
6	0	0	2	7	2	2	2	0	3	0	2	0	2	
7	0	0	0	0	0	2	2	2	2	0	3	0	1	
8	1	2	2	0	0	0	2	1	5	0	2	2	1	
9	1	2	2	2	0	2	0	4	0	2	4	0	2	
10	1	3	0	4	3	2	2	2	2	6	2	9	3	
11	11	15	14	13	6	9	2	2	5	7	6	2	8	
12	3	2	2	4	4	3	2	0	1	3	2	7	3	
13	4	2	3	3	3	3	2	2	2	2	0	2	2	
14	0	3	2	0	3	2	3	2	3	0	0	0	2	
15	2	1	0	2	2	3	2	0	1	0	3	11	2	
16	3	4	2	5	0	***	3	2	0	7	8	5	4	
17	1	2	0	7	6	0	2	3	2	0	0	1	2	
18	3	3	3	3	5	7	2	5	5	3	3	6	4	
19	2	2	2	6	6	0	3	3	6	5	0	1	3	
20	0	4	3	2	6	5	0	3	5	5	0	2	3	
21	2	2	5	9	3	3	7	1	3	0	3	4	4	
22	0	3	2	1	2	3	2	5	0	4	0	2	2	
23	2	0	1	1	2	0	3	2	3	0	3	2	2	
24	3	3	7	4	3	2	3	0	0	2	2	4	3	
25	8	2	3	4	0	5	0	5	2	4	2	4	3	
26	0	5	2	0	2	2	3	0	3	1	3	0	2	
27	1	2	0	2	0	3	3	2	3	1	1	2	2	
28	1	3	3	2	3	1	3	3	2	0	4	1	2	
29	0	0	2	0	2	1	3	2	2	6	3	2	2	
30	0	3	1	4	1	2	2	2	2	15	7	2	3	
31	3	2	3	6	4	2	5	8	2	0	2	2	3	
MEAN	2	3	2	4	3	3	2	2	2	3	3	3	2.6	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	7	2	0	1	3	4	2	3	3	
2	1	2	9	5	5	12	5	4	7	0	4	7	3	
3	7	11	10	5	7	7	6	5	6	8	13	10	7	
4	6	3	7	9	13	9	3	8	4	5	3	5	6	
5	8	3	6	5	8	4	3	4	4	2	2	0	4	
6	5	0	2	2	2	2	2	3	2	6	2	2	2	
7	3	3	3	5	7	11	6	4	7	2	2	0	4	
8	3	4	0	0	5	11	3	5	2	3	5	4	4	
9	2	1	0	6	10	10	7	5	5	7	5	3	5	
10	6	2	6	5	7	2	5	6	5	2	2	0	4	
11	3	0	0	0	3	1	2	0	0	3	2	0	1	
12	5	1	2	2	3	6	0	2	4	2	3	7	3	
13	0	3	3	3	2	6	1	1	0	2	0	0	2	
14	5	1	0	2	3	2	1	2	2	2	3	9	2	
15	1	2	2	10	5	0	3	2	1	2	4	1	3	
16	4	1	3	2	1	2	3	2	3	3	0	2	2	
17	2	1	3	2	0	2	3	0	5	0	4	1	2	
18	0	2	2	0	0	0	3	0	0	4	2	2	1	
19	2	2	0	1	0	2	0	4	0	1	3	2	2	
20	2	3	0	2	4	2	0	4	0	1	3	2	2	
21	2	2	2	2	3	0	3	2	5	2	3	5	3	
22	0	0	2	0	8	0	6	3	3	1	3	1	2	
23	3	5	0	3	4	4	2	2	5	2	0	2	3	
24	1	3	1	2	0	0	0	0	0	2	0	0	1	
25	1	0	0	0	0	4	1	0	2	1	0	4	1	
26	2	0	0	2	0	2	1	0	3	5	1	0	1	
27	0	1	0	0	4	0	3	4	3	4	3	2	2	
28	4	2	0	9	4	5	0	2	3	4	0	0	3	
29	0	0	3	3	2	1	1	3	6	7	4	1	3	
30	1	3	0	0	0	5	1	2	0	0	3	0	1	
MEAN	3	2	2	3	4	4	3	3	3	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	7	4	2	5	0	7	0	0	2	
2	2	0	0	2	0	0	2	2	0	2	0	3	1	
3	0	3	0	0	0	0	3	2	4	2	0	2	2	
4	3	5	3	3	9	3	2	1	2	2	0	4	1	
5	1	0	1	1	2	0	2	2	2	0	7	0	2	
6	0	2	3	0	3	2	2	5	2	4	7	4	3	
7	0	0	5	5	3	3	3	4	2	3	0	2	3	
8	2	3	3	4	2	0	2	3	0	3	3	0	2	
9	2	3	0	0	3	0	0	3	2	3	0	2	1	
10	0	0	2	0	0	0	0	3	0	3	3	0	2	
11	0	2	0	2	2	3	3	0	0	4	3	7	2	
12	3	0	0	7	2	3	2	2	2	0	3	2	2	
13	3	2	3	1	2	2	3	2	5	0	0	0	2	
14	0	0	0	5	7	2	0	2	3	0	3	1	2	
15	0	0	2	0	0	2	2	3	3	0	7	5	3	
16	0	0	3	2	3	5	5	7	2	3	0	0	1	
17	2	0	0	0	2	0	0	5	0	5	0	3	2	
18	4	0	2	5	2	4	0	0	0	0	2	7	6	
19	3	2	2	2	2	5	3	0	0	2	3	0	1	
20	0	3	0	0	2	3	2	2	0	2	3	0	1	
21	2	0	2	0	5	0	3	0	0	3	2	15	3	
22	15	3	4	2	0	0	2	7	3	3	0	2	3	
23	2	2	0	0	3	3	0	5	0	0	0	3	2	
24	2	0	0	0	0	0	5	0	5	0	2	3	2	
25	2	0	0	0	0	0	0	2	0	0	0	1	1	
26	0	2	3	5	5	5	5	5	5	5	5	5	5	
27	-	-	-	-	-	-	-	-	-	-	-	-	*****	
28	-	-	-	-	-	-	-	-	-	-	-	-	*****	
29	5	2	2	2	3	6	8	4	3	5	6	5	4	
30	2	2	2	4	4	2	3	1	6	6	7	5	4	
31	9	6	1	6	7	3	3	4	3	5	3	6	5	
MEAN	2	2	1	2	3	4	2	3	2	3	2	3	2.4	

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 6.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	8	15
FEB	28	2.1	4	19
MAR	31	2.1	7	14
APR	30	1.6	4	9
MAY	31	2.1	5	15
JUN	30	1.8	4	13
JUL	31	1.7	3	8
AUG	31	1.9	7	21
SEP	30	2.0	6	17
OCT	31	2.6	8	15
NOV	30	2.9	7	13
DEC	28	2.4	6	54
YEAR	362	2.1	8	54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	307	58	5	0	0	0	0	370
FEB	294	41	0	1	0	0	0	336
MAR	318	45	8	0	0	0	0	371
APR	328	32	0	0	0	0	0	360
MAY	314	53	4	0	0	0	0	371
JUN	315	41	2	0	0	0	0	358
JUL	343	27	0	0	0	0	0	370
AUG	326	36	6	1	1	0	0	370
SEP	315	40	1	2	0	0	0	358
OCT	309	54	7	0	0	0	0	370
NOV	273	77	6	0	0	0	0	356
DEC	295	49	2	0	0	0	1	347
YEAR	3737	553	41	4	1	0	1	4337

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.0	0	0.0	0.0	1.4	2.2	4.6	6.2	8.3	10.3	54	2.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	2	2	0	0	2	2	3	0	0	0	1	
2	1	1	2	0	2	0	0	1	2	0	2	2	1	
3	2	3	0	3	0	1	2	1	3	0	4	0	2	
4	2	0	0	0	2	2	0	2	3	0	3	5	2	
5	0	4	3	0	0	2	0	0	2	2	3	8	3	
6	0	3	2	0	2	0	0	3	0	0	4	2	1	
7	0	3	2	1	4	1	6	3	8	2	3	7	3	
8	4	1	2	0	0	1	2	2	4	2	3	0	2	
9	2	0	1	0	0	0	3	0	0	0	1	2	1	
10	0	2	1	0	2	0	2	0	0	0	0	1	1	
11	1	0	0	1	2	0	0	3	2	0	4	0	1	
12	0	3	3	2	2	4	0	2	2	3	7	1	2	
13	5	5	0	5	3	7	2	2	3	7	7	2	4	
14	0	2	0	0	0	0	2	3	0	0	3	2	2	
15	0	0	2	0	0	5	3	0	3	0	0	0	1	
16	3	0	2	0	3	3	0	5	3	0	3	0	2	
17	3	2	2	3	0	3	0	5	0	7	3	2	2	
18	0	1	3	3	9	9	0	3	0	5	3	0	4	
19	4	2	5	0	2	0	0	3	0	3	0	0	1	
20	3	0	5											
21	2	2	3	0	***	***	2	2	0	7	9	5	3	
22	2	2	2	0	3	0	3	0	3	3	2	2	2	
23	3	2	0	3	2	0	3	5	3	3	9	0	3	
24	0	2	3	3	6	3	3	3	5	3	0	7	3	
25	0	3	2	9	12	9	5	5	6	3	0	7	5	
26	0	3	0	2	0	2	1	0	0	3	3	3	1	
27	2	0	0	0	0	0	3	2	2	0	2	0	1	
28	1	0	0	3	0	1	0	0	0	0	2	0	1	
29	2	0	2	1	1	2	3	0	2	0	2	2	2	
30	3	2	1	0	4	0	0	2	2	0				
31	0	3	0	3	3	0	0	0	5	0	2	0	1	
MEAN	1	2	2	2	2	2	2	2	2	2	3	2	1.9	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	3	2	3	0	0	0	3	0	3	1	
2	2	0	2	5	7	2	0	3	5	2	2	4	3	
3	2	0	3	2	0	3	2	2	0	3	7	8	3	
4	0	3	0	5	0	2	0	5	2	0	3	1	2	
5	3	2	5	0	2	0	0	7	3	0	3	1	2	
6	1	5	0	3	0	0	***	0	0	3	3	0	1	
7	2	2	0	3	3	2	3	0	3	3	0	4	3	
8	7	2	2	1	4	3	3	0	7	3	3	3	2	
9	1	2	0	3	5	3	0	0	0	0	0	0	1	
10	0	2	1	3										
11	3	2	0	2	0	0	0	3	2	5	3	0	2	
12	0	0	0	2	0	0	0	2	0	0	3	2	1	
13	3	2	0	2	0	2	0	3	0	3	2	0	1	
14	2	0	0	4	3	0	2	0	3	2	7	7	3	
15	3	0	0	7	9	2	2	0	0	5	2	5	3	
16	3	0	5	2	3	2	5	2	0	3	4	0	2	
17	5	0	1	2	2	4	0	2	2	0	3	7	3	
18	5	5	4	3	4	1	0	2	0	2	2	3	2	
19	3	5	2	2	1	3	3	2	2	7	0	3	4	
20	2	3	7	7	3	3								
21	2	3	2	5	5	2	3	6	3	2	0	2	3	
22	2	2	2	3	4	0	2	6	0	2	0	0	2	
23	2	2	0	0	1	2	2	2	0	3	3	2	2	
24	2	0	0	3	1	3	0	2	2	5	0	0	1	
25	3	0	0	1	3	1	2	0	0	2	2	2	1	
26	3	2	2	2	0	0	3	0	2	1	0	0	2	
27	2	2	0	3	2	2	1	5	2	3	2	4	3	
28	4	1	3	7	3	1	2							
MEAN	2	2	2	3	3	2	2	2	2	3	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE														MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	3	2	2	5	2	2	0	3	0	0	0	2		
2	2	0	0	5	0	2	3	2	0	4	0	4	2		
3	3	3	1	2	0	2	0	2	3	2	0	3	2		
4	0	3	2	0	3	0	***	0	2	0	2	1	1		
5	2	0	0	1	0	2	0	2	1	0	0	3	1		
6	2	1	2	2	7	3	2	2	0	3	0	2	2		
7	2	2	1	5	4	2	2	2	3	0	3	2	2		
8	2	3	0	5	0	2	2	2	0	1	3	4	2		
9	4	3	0	5	0	3	4	2	0	0	2	1	2		
10	2	0	4	2	1	2	1	1	2	1	5	2	2		
11	3	3	1	2	2	0	3	2	1	2	7	2	2		
12	2	5	6	3	3	2	2	0	2	4	3	3	3		
13	4	6	2	9	5	2	0	2	2	2	0	0	3		
14	2	1	2	2	2	2	2	0	0	4	0	0	1		
15	0	3	2	2	2	1	0	0	2	0	0	0	1		
16	3	2	2	2	0	2	0	1	0	3	0	0	1		
17	0	0	0	0	2	0	2	3	0	3	4	2	1		
18	0	2	2	0	2	6	0	2	0	0	3	0	1		
19	2	0	0	0	0	2	3	0	0	0	0	3	1		
20	2	3	3	6	2	2	2	0	0	0	1	5	2		
21	2	0	0	3	3	11	3	1	2	2	2	3	3		
22	0	3	3	0	3	1	2	0	1	1	2	2	2		
23	0	2	2	5	0	0	0	3	0	0	7	2	2		
24	4	2	3	0	2	0	0	2	2	0	2	2	2		
25	2	2	6	2	0	2	1	2	0	2	0	0	2		
26	0	1	0	3	0	0	2	2	2	2	0	2	1		
27	0	3	0	0	5	2	2	3	2	0	2	1	2		
28	2	3	2	3	3	2	0	2	3	2	0	3	2		
29	2	2	3	0	3	0	0	0	1	3	0	2	1		
30	0	0	1	2	0	2	0	0	2	0	0	4	1		
31	0	2	2	3	3	3	2	1	0	2	2	0	2		
MEAN	2	2	2	2	2	2	1	1	1	1	2	2	1.7		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE														MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	5	3	2	0	0	0	2	3	0	1	2		
2	0	3	0	3	2	0	1	0	3	0	2	0	1		
3	2	0	0	0	0	***	3	2	0	0	2	0	1		
4	2	2	3	0	5	0	0	2	7	3	2	5	3		
5	0	0	0	0	0	1	5	2	2	5	3	3	2		
6	5	3	4	0	4	0	0	2	0	2	0	2	2		
7	2	0	0	0	2	0	2	3	0	2	1	2	1		
8	0	2	1	3	0	0	1	3	0	3	0	3	2		
9	0	0	5	3	2	0	0	3	0	3	0	3	2		
10	0	0	4	0	2	0	2	2	6	0	2	2	2		
11	0	0	0	5	0	5	1	5	3	3	0	3	2		
12	0	2	0	0	3	0	2	0	3	2	0	0	1		
13	2	5	2	2	0	4	1	3	2	0	3	0	2		
14	0	0	3	1	1	1	0	0	0	0	2	2	1		
15	0	0	6	3	0	6	0	0	0	0	0	0	1		
16	0	2	0	0	2	2	0	2	0	0	2	3	1		
17	0	0	0	5	1	2	3	0	7	2	0	3	2		
18	3	5	2	0	2	3	0	0	0	0	0	0	1		
19	0	0	0	3	3	0	2	2	3	5	3	0	2		
20	0	2	0	3	0	3	3	3	2	0	2	3	2		
21	3	1	2	0	1	0	0	3	0	2	0	3	1		
22	1	0	3	2	0	3	0	0	1	0	0	0	1		
23	2	0	2	0	6	2	2	0	0	3	0	3	2		
24	5	0	3	7	5	0	2	2	1	3	1	4	3		
25	2	5	1	2	0	0	0	0	0	0	2	0	1		
26	1	2	3	0	3	0	3	0	0	0	3	3	1		
27	0	5	2	3	2	2	0	2	0	3	0	2	2		
28	0	3	0	4	0	3	2	0	3	0	3	2	2		
29	2	3	0	3	0	0	0	3	0	3	0	2	2		
30	2	0	2	0	0	0	0	3	0	2	0	2	1		
MEAN	1	1	2	2	2	1	1	2	2	2	1	2	1.5		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	3	0	1	2	0	3	2	0	1	1
2	2	0	2	0	0	0	0	2	1	5	2	2	2	1
3	0	5	2	5	0	3	0	0	6	0	2	0	2	1
4	0	0	2	0	3	0	2	0	2	2	5	2	2	2
5	1	0	0	2	0	2	2	2	3	2	0	0	2	2
6	6	3	5	0	0	0	0	0	2	3	0	0	2	2
7	3	3	0	3	0	5	2	2	0	0	0	0	1	1
8	0	6	2	1	0	0	3	0	0	2	0	0	1	1
9	2	0	0	2	0	0	0	1	3	2	0	0	1	1
10	0	0	0	0	2	0	2	0	0	2	0	0	1	1
11	5	0	0	5	2	3	0	0	3	0	2	0	2	2
12	0	2	3	2	1	1	2	2	0	0	3	2	2	1
13	3	2	0	3	0	2	0	0	0	0	0	0	1	1
14	0	0	0	0	0	3	0	0	0	0	1	3	1	1
15	0	3	0	0	0	0	1	2	2	1	0	0	1	1
16	2	0	0	0	0	0	0	1	0	0	0	2	0	0
17	0	0	2	5	0	2	2	0	0	0	0	1	1	1
18	2	0	0	0	3	0	2	0	0	0	2	5	1	1
19	2	2	0	3	2	2	0	0	0	1	0	3	1	1
20	6	0	0	0	0	5	2	0	0	0	0	0	1	1
21	0	2	0	2	0	0	0	0	2	1	0	2	1	1
22	0	0	1	0	0	0	2	0	0	0	0	0	0	0
23	6	2	1	3	0	2	0	3	2	0	0	3	2	2
24	0	0	3	0	3	3	0	0	0	2	0	0	1	1
25	0	5	0	4	2	0	3	0	0	2	0	0	1	1
26	5	3	2	0	2	2	2	0	0	0	0	0	*****	*****
27														
28														
29	-	-	-	-	-	-	-	3	0	0	3	0	*****	*****
30	6	7	5	0	3	3	2	3	0	3	4	0	3	3
31	2	2	0	2	8	0	3	2	0	2	0	3	2	2
MEAN	2	2	1	2	1	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 9.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. -.- INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	2	3	2	2	0	2	3	2	2	2	2
2	3	0	0	2	0	0	0	0	2	1	2	0	1	1
3	2	3	0	2	0	0	3	0	3	0	0	0	1	1
4	5	2	3	2	0	2	3	0	4	2	9	3	2	2
5	4	0	2	2	0	0	1	3	3	0	5	4	2	2
6	7	2	3	6	3	5	3	1	0	0	2	0	3	3
7	0	4	5	3	7	2	2	6	3	5	4	0	3	2
8	3	4	7	0	2	0	0	0	0	5	0	3	2	2
9	2	2	0	3	2	0	0	2	3	2	0	0	2	2
10	1	1	3	3	2	2	2	3	0	0	3	0	2	2
11	3	5	3	5	2	5	0	3	0	2	2	0	3	3
12	3	3	5	3	2	5	2	0	2	5	2	0	3	3
13	3	0	0	2	0	0	2	0	2	2	1	0	1	1
14	1	5	1	0	2	3	1	2	2	2	2	3	2	2
15	0	2	2	2	3	0	4	0	2	3	2	5	3	3
16	4	4	0	1	3	1	3	3	2	3	2	8	3	3
17	2	3	7	3	2	0	5	0	0	0	2	0	1	1
18	2	0	3	0	2	0	2	4	2	2	0	3	2	2
19	0	2	0	5	3	2	0	3	1	2	3	3	2	2
20	0	11	5	8	2	2	0	0	0	0	0	0	2	2
21	3	8	7	2	5	2	6	***	3	0	3	7	4	4
22	1	0	5	4	0	0	2	0	7	2	4	2	2	2
23	0	1	6	0	1	3	1	3	0	0	0	3	2	2
24	0	5	4	0	0	2	4	2	4	4	0	0	3	3
25	6	5	6	3	4	1	2	2	2	1	2	5	3	3
26	2	2	3	2	7	5	6	0	0	0	0	0	4	4
27	7	8	2	3	3	5	6	0	11	0	0	0	2	2
28	0	0	3	8	0	1	0	2	2	0	1	5	2	2
29	2	3	2	2	4	0	3	3	3	0	0	2	2	2
30	1	6	7	0	0	2	0	0	0	0	0	0	2	2
MEAN	2	3	3	3	2	2	2	2	2	2	2	2	2.3	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. -.- INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	5	2	2	2	2	2	0	0	2	2	2	
2	3	2	5	0	0	0	0	4	0	2	0	2	2	
3	1	2	0	2	0	2	0	4	0	3	1	3	2	
4	0	1	1	0	1	1	3	2	0	1	5	6	2	
5	5	3	4	6	4	4	4	2	1	5	2	5	3	
6	6	2	6	4	4	2	2	2	3	3	0	0	3	
7	2	2	4	4	6	2	7	2	0	0	0	0	2	
8	3	4	2	5	0	3	0	1	3	1	3	2	2	
9	0	5	2	0	0	2	0	0	2	3	2	0	2	
10	3	2	0	3	2	2	0	0	2	3	2	0	2	
11	2	2	2	2	3	2	0	0	2	0	2	2	2	
12	***	***	3	3	2	0	3	0	0	2	0	0	1	
13	2	1	2	0	0	0	3	2	0	3	3	0	1	
14	0	2	0	4	2	3	3	0	0	2	2	0	1	
15	3	0	3	1	2	0	2	2	3	0	2	2	2	
16	0	0	2	0	2	0	2	0	0	2	0	3	1	
17	0	0	3	2	3	0	0	0	0	0	5	3	1	
18	2	2	5	2	6	2	2	0	0	2	2	2	2	
19	3	3	0	0	2	2	3	2	2	1	2	0	2	
20	3	0	0	2	1	5	0	3	0	2	2	0	2	
21	2	2	5	0	3	0	5	3	3	0	0	2	2	
22	5	2	3	0	2	2	5	1	0	0	2	3	2	
23	0	2	0	0	0	0	0	0	0	2	0	1	0	
24	0	0	0	7	0	2	0	0	0	0	0	0	1	
25	2	7	3	0	0	3	0	2	0	0	2	0	2	
26	5	3	2	2	2	0	0	0	0	3	0	0	1	
27	0	0	2	0	2	0	0	0	0	0	2	0	0	
28	0	2	0	0	2	0	2	2	0	1	0	2	1	
29	0	2	0	0	2	0	0	0	2	0	0	0	0	
30	1	0	0	0	2	0	0	0	0	0	0	0	1	
31	0	0	0	3	0	0	0	2	0	0	0	2	1	
MEAN	2	2	2	2	2	1	1	1	1	1	1	1	1.5	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE							MONTH - AUG 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	0	3	3	0	0	2	2	2	2	3	2
2	3	2	3	5	2	2	3	0	2	0	0	0	2
3	0	1	0	2	0	0	0	2	2	0	0	0	1
4	0	0	2	2	2	0	2	0	0	2	0	4	1
5	2	0	2	0	0	2	0	0	2	0	0	2	1
6	2	2	0	3	0	2	0	0	0	0	0	2	1
7	0	0	0	2	2	2	0	0	0	0	0	***	1
8	- DATA UNAVAILABLE -												
9	- DATA UNAVAILABLE -												
10	- DATA UNAVAILABLE -												
11	- DATA UNAVAILABLE -												
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	- DATA UNAVAILABLE -												
15	- DATA UNAVAILABLE -												
16	- DATA UNAVAILABLE -												
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	- DATA UNAVAILABLE -												
20	- DATA UNAVAILABLE -												
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	-	-	-	-	-	-	-	0	0	2	0	2	*****
26	0	0	0	0	0	2	0	2	0	0	2	2	1
27	3	2	0	0	0	0	3	1	2	0	0	0	1
28	2	0	2	0	3	2	2	0	3	4	0	0	2
29	0	0	0	0	3	3	0	0	0	2	2	3	1
30	0	3	2	0	0	7	0	3	3	2	2	5	2
31	2	0	0	0	1	5	0	0	0	0	0	7	1
MEAN	1	1	1	1	1	2	1	1	1	1	1	2	1.2

PERCENTAGE OF DATA VALID - 43.0 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 56.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	0	2	3	3	7	3	0	0	2	1	2	3	
2	3	2	0	2	3	2	3	0	0	0	3	0	2	
3	2	2	0	0	0	2	3	0	2	0	2	2	1	
4	2	0	0	0	3	2	1	0	0	0	0	2	1	
5	0	2	2	2	7	3	2	2	2	0	1	2	2	
6	0	2	3	2	1	2	0	3	1	0	1	2	1	
7	0	2	2	2	1	0	0	0	3	1	3	0	2	
8	2	2	2	0	1	2	2	2	0	2	1	1	2	
9	5	0	0	2	4	2	2	2	0	2	3	0	1	
10	0	0	2	0	3	0	0	2	2	0	0	0	1	
11	3	2	3	5	2	2	3	0	0	0	1	0	2	
12	4	0	0	2	0	0	0	2	2	0	0	0	1	
13	0	2	0	2	0	0	0	0	3	0	0	0	1	
14	0	3	2	0	0	0	3	2	2	0	3	2	1	
15	0	2	3	2	0	3	2	0	2	1	3	0	2	
16	0	0	4	0	2	1	0	2	1	0	0	2	1	
17	2	0	0	0	0	4	2	0	3	2	0	3	1	
18	0	0	2	5	0	2	0	2	0	3	4	0	2	
19	2	4	2	2	2	2	0	0	0	1	0	2	1	
20	0	2	4	3	1	3	3	0	2	0	2	3	2	
21	1	3	2	4	2	4	2	0	0	3	0	3	2	
22	1	0	0	2	0	0	2	0	2	0	2	2	1	
23	1	2	1	2	4	2	1	2	0	0	0	0	1	
24	5	1	0	2	2	2	0	0	2	0	0	0	1	
25	2	0	1	1	2	0	0	1	0	1	1	1	1	
26	0	0	2	2	3	0	2	0	5	3	1	0	2	
27	2	2	3	3	0	0	0	2	0	2	2	2	1	
28	0	0	2	2	2	0	2	2	0	1	2	2	3	
29	5	4	7	5	2	0	2	0	2	0	3	2	2	
30	2	2	3	0	3	0	2	0	2	0	3	2	2	
MEAN	2	1	2	2	2	2	1	1	1	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	2	1	0	0	0	0	3	0	2	1	
2	0	0	3	2	1	3	0	0	0	0	5	6	2	
3	2	2	0	0	0	4	1	0	5	2	3	1	2	
4	0	0	2	0	0	0	2	0	1	0	2	0	1	
5	1	2	4	0	2	2	2	2	2	2	0	0	2	
6	1	0	0	0	3	2	2	1	2	0	2	1	0	
7	0	0	0	2	0	0	0	0	2	1	0	0	1	
8	1	1	2	1	0	0	2	2	2	0	2	0	1	
9	3	5	0	0	0	0	0	3	2	1	2	0	1	
10	2	2	0	3	0	0	2	0	2	3	0	3	1	
11	2	4	8	2	1	2	4	2	0	0	0	0	2	
12	2	0	2	2	0	0	2	1	2	0	1	2	1	
13	0	0	2	1	1	1	***	0	2	0	0	2	1	
14	2	0	0	0	2	0	0	0	2	2	0	5	1	
15	2	0	0	3	0	0	3	0	2	3	0	0	1	
16	0	3	0	0	2	2	0	2	0	0	2	2	1	
17	0	2	3	2	0	2	2	0	2	0	0	3	2	
18	3	3	3	3	0	0	2	0	0	3	0	0	2	
19	4	1	2	7	2	2	0	0	5	2	0	2	3	
20	2	2	3	5	0	0	0	2	2	0	0	0	1	
21	2	0	2	0	2	0	0	0	2	2	3	0	1	
22	0	2	0	2	3	2	0	0	2	2	2	0	1	
23	2	2	0	0	2	2	0	0	1	0	1	3	1	
24	0	3	0	3	2	0	1	0	0	0	0	0	1	
25	0	2	1	0	2	3	1	0	3	2	0	2	1	
26	0	0	2	1	2	2	0	2	0	1	0	0	1	
27	2	0	2	1	0	2	1	0	0	2	0	2	1	
28	2	0	5	0	0	0	0	2	0	2	2	0	1	
29	0	2	0	2	3	0	2	0	0	0	2	2	1	
30	1	2	0	0	0	***	2	2	0	0	2	2	1	
31	0	0	0	2	3	3	3	0	2	0	0	0	1	
MEAN	1	1	2	2	1	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE														MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	0	0	2	3	0	****	0	2	7	1	2		
2	2	3	0	2	3	5	0	0	0	2	1	5	2		
3	5	9	5	5	9	5	2	0	0	0	7	3	4		
4	2	0	2	0	3	3	2	5	5	7	7	5	3		
5	2	2	3	5	2	3	0	2	2	7	3	2	3		
6	0	0	2	2	5	0	0	2	0	2	3	2	2		
7	2	0	0	2	3	2	0	0	4	2	0	2	1		
8	0	0	0	5	4	3	0	0	0	2	0	0	1		
9	0	3	0	3	2	0	2	0	1	3	2	2	1		
10	2	2	5	2	5	0	2	3	2	2	0	3	2		
11	0	2	2	3	2	0	0	0	2	2	0	0	1		
12	0	2	2	3	0	2	0	2	2	0	0	2	1		
13	0	0	2	0	0	0	2	0	2	3	0	4	1		
14	1	2	2	0	3	0	0	1	2	0	0	2	1		
15	0	4	0	0	1	0	2	0	2	3	2	3	1		
16	2	3	0	5	3	0	0	2	5	0	0	0	2		
17	0	0	2	0	1	2	0	0	0	2	0	0	1		
18	2	0	2	0	0	0	2	0	0	2	1	0	1		
19	0	3	0	4	0	3	0	1	0	2	3	0	1		
20	0	0	0	2	2	0	0	0	2	2	3	0	1		
21	0	0	4	5	2	3	0	0	0	2	2	2	2		
22	0	0	3	0	0	0	****	2	0	0	2	1	1		
23	2	0	0	5	0	2	1	0	0	0	1	2	1		
24	0	0	2	0	2	0	0	2	2	3	0	2	1		
25	0	2	0	3	2	0	2	0	2	2	3	2	1		
26	0	0	0	1	0	1	0	2	2	2	2	0	1		
27	0	0	0	0	2	0	2	1	2	2	6	2	1		
28	1	0	2	3	3	2	2	0	3	0	3	0	2		
29	5	1	8	1	2	4	3	0	1	1	4	3	3		
30	2	2	0	0	1	4	0	2	2	0	1	2	1		
MEAN	1	1	2	2	2	1	1	1	2	2	2	2	1.6		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE														MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	2	2	2	3	5	0	3	1	2	2		
2	2	0	2	0	2	3	2	2	0	2	2	2	2		
3	7	2	0	2	0	4	3	2	1	2	0	2	2		
4	0	1	2	0	2	0	3	2	0	2	5	0	1		
5	7	2	0	0	1	3	2	2	0	2	3	2	2		
6	2	1	2	2	3	0	3	0	3	0	3	3	2		
7	0	0	2	2	0	0	2	2	1	3	0	2	1		
8	2	2	4	3	2	2	2	2	2	2	2	2	2		
9	0	0	2	2	2	0	0	0	3	2	0	2	1		
10	0	2	3	0	0	1	2	0	3	3	1	3	2		
11	1	0	2	2	2	2	0	0	3	0	5	0	1		
12	2	1	0	2	2	1	0	2	0	0	2	4	1		
13	2	2	2	0	2	4	1	0	2	0	1	0	1		
14	0	2	0	0	1	2	0	0	2	0	0	0	1		
15	0	3	0	0	2	2	0	0	2	0	1	4	1		
16	0	2	0	2	1	3	2	1	0	0	0	2	1		
17	2	1	0	2	0	0	0	0	0	0	0	0	0		
18	0	0	0	2	1	0	2	2	2	0	3	0	1		
19	0	1	0	2	1	1	2	2	2	2	0	2	1		
20	3	0	2	2	4	0	4	0	3	0	2	1	2		
21	2	1	0	0	3	0	1	0	2	3	0	5	1		
22	0	0	0	2	0	0	3	2	0	0	0	0	1		
23	2	0	2	0	1	0	0	0	3	5	8	11	3		
24	7	2	2	0	0	2	0	1	0	3	0	2	2		
25	2	2	0	2	0	2	0	0	0	0	2	5	1		
26	2	2	2	1	1	2	2	0	3	1	2	0	1		
27	2	0	2	1	0	3	0	3	3	1	2	0	1		
28	2	0	2	2	3	5	0	2	2	2	1	5	2		
29	6	2	0	0	2	5	0	2	3	2	1	0	2		
30	0	0	0	0	3	0	0	3	0	5	2	3	1		
31	0	5	2	1	2	0	2	0	2	0	1	0	1		
MEAN	2	1	1	1	1	2	1	1	1	1	2	2	1.4		

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	5	12
FEB	28	2.1	4	9
MAR	31	1.7	3	11
APR	30	1.5	3	7
MAY	27	1.3	3	8
JUN	30	2.3	4	11
JUL	31	1.5	3	7
AUG	13	1.2	2	7
SEP	30	1.4	3	7
OCT	31	1.2	3	8
NOV	30	1.6	4	9
DEC	31	1.4	3	11
YEAR	343	1.6	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	332	37	1	0	0	0	0	370
FEB	296	39	0	0	0	0	0	335
MAR	351	19	1	0	0	0	0	371
APR	333	26	0	0	0	0	0	359
MAY	311	24	0	0	0	0	0	335
JUN	304	53	2	0	0	0	0	359
JUL	345	25	0	0	0	0	0	370
AUG	155	5	0	0	0	0	0	160
SEP	349	11	0	0	0	0	0	360
OCT	360	10	0	0	0	0	0	370
NOV	329	29	0	0	0	0	0	358
DEC	355	16	1	0	0	0	0	372
YEAR	3620	294	5	0	0	0	0	4119

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.0	0	0.0	0.0	1.1	1.8	3.0	4.5	6.0	6.8	12	1.6

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	3	0	2	0	0	2	3	0	2	0	1	
2	0	2	4	2	2	2	0	2	4	3	0	2	2	
3	1	3	2	4	2	0	0	0	5	5	2	0	2	
4	2	5	6	4	2	0	3	0	0	0	2	0	1	
5	0	2	0	0	0	2	0	0	2	3	0	3	3	
6	0	3	2	7	2	5	7	0	0	0	0	2	2	
7	3	2	0	4	5	2	2	0	5	2	3	12	3	
8	2	0	2	2	0	4	***	***	0	2	2	0	2	
9	3	4	2	5	0	5	0	0	0	3	0	0	1	
10	0	0	0	5	0	5	0	0	0	3	0	0	1	
11	0	3	0	2	5	0	3	0	3	2	7	3	2	
12	5	0	2	3	3	3	2	2	5	3	9	8	4	
13	6	2	3	3	4	6	4	0	2	2	3	0	3	
14	2	0	0	0	0	0	1	2	0	0	0	0	0	
15	3	2	0	3	0	2	2	2	2	0	0	4	2	
16	2	3	3	0	0	2	2	3	3	2	3	5	2	
17	2	3	2	7	2	5	1	3	2	3	0	0	3	
18	0	2	0	0	2	2	0	3	3	0	3	4	2	
19	1	2	5	5	7	2	0	0	6	4	0	2	3	
20	1	1	0	1	4	2	2	2	2	3	2	0	2	
21	2	0	2	0	2	0	0	4	2	3	11	9	3	
22	6	1	2	3	7	4	2	2	2	0	5	0	3	
23	3	2	2	0	8	7	1	4	0	1	5	3	3	
24	3	3	3	2	5	8	3	5	6	5	5	5	4	
25	5	9	7	15	8	6	9	12	6	3	0	2	7	
26	2	2	0	0	2	0	5	2	1	0	0	0	1	
27	3	0	0	0	2	0	0	9	2	0	2	0	2	
28	1	2	3	0	0	0	2	2	3	2	2	1	2	
29	0	1	1	1	0	0	2	0	0	3	0	0	1	
30	5	2	3	1	3	3	1	0	8	2	2	2	3	
31	0	0	5	2	3	3	2	3	0	7	2	2	2	
MEAN	2	2	2	2	3	3	2	2	3	2	3	2	2.3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	5	2	1	3	2	2	3	2	2	
2	0	2	1	5	6	5	2	4	5	2	1	2	3	
3	0	1	0	4	5	0	3	***	1	3	2	6	2	
4	0	0	0	4	2	2	0	2	0	11	7	5	3	
5	4	2	2	0	1	0	0	0	2	3	2	3	2	
6	0	3	0	2	0	5	2	0	0	2	1	2	1	
7	0	0	0	0	1	0	2	0	0	2	2	0	1	
8	2	0	0	2	2	0	1	0	3	2	2	5	1	
9	2	0	0	4	2	2	2	3	5	3	1	5	2	
10	0	3	2	5	3	3	3	0	2	0	0	3	2	
11	3	2	3	0	3	5	0	2	0	1	1	2	2	
12	2	2	1	0	0	2	2	2	0	2	0	2	1	
13	3	5	2	0	1	4	2	3	3	0	2	0	2	
14	2	2	2	2	3	0	1	2	3	3	9	3	3	
15	0	4	5	13	11	0	2	0	6	2	5	2	4	
16	7	5	3	2	3	3	2	3	1	5	2	3	3	
17	1	3	3	3	3	2	3	2	0	5	7	2	3	
18	3	4	2	2	5	5	0	3	2	2	3	0	3	
19	2	2	0	3	5	0	0	0	1	0	3	3	2	
20	4	2	2	11	11	7	2	4	2	3	9	5	5	
21	1	5	2	4	6	***	3	2	1	3	1	0	3	
22	0	2	3	5	0	0	2	2	4	0	2	2	2	
23	1	1	0	7	11	5	0	5	2	2	6	4	4	
24	3	6	2	5	3	0	0	2	3	0	3	2	2	
25	0	3	3	3	2	2	0	0	0	2	2	4	2	
26	5	2	2	2	0	2	2	0	6	2	0	2	2	
27	0	3	0	5	2	0	2	2	3	3	5	2	2	
28	3	3	6	11	9	5	0	2	3	3	7	13	5	
MEAN	2	2	2	4	4	2	1	2	2	3	3	3	2.4	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	0	3	2	0	2	2	0	0	3	0	2	2
2	3	3	2	5	5	0	0	3	0	3	0	2	2	3
3	3	3	5	7	3	3	1	2	2	2	0	3	3	3
4	3	5	8	5	2	3	0	2	2	2	2	0	2	3
5	3	3	5	5	3	2	5	0	2	2	0	0	3	3
6	3	2	2	4	0	3	2	3	3	5	0	2	7	2
7	2	0	1	0	0	2	3	3	0	3	2	2	3	3
8	0	3	2	3	3	4	9	5	5	2	2	0	3	3
9	5	3	6	7	7	5	***	0	0	2	0	0	2	2
10	2	0	2	3	2	5	3	0	3	0	2	0	2	2
11	5	7	9	5	1	0	0	0	0	0	6	5	3	3
12	5	5	2	3	2	3	2	3	2	0	0	0	2	2
13	1	0	2	1	0	0	2	2	4	0	0	2	1	1
14	2	3	0	3	3	0	3	0	2	5	2	0	2	2
15	0	1	0	2	3	0	2	3	0	3	0	3	1	1
16	***	0	0	1	2	2	1	0	0	3	3	0	1	1
17	3	0	2	0	5	0	0	0	0	0	5	3	2	2
18	0	5	3	3	6	2	3	2	3	3	9	7	4	4
19	3	8	5	6	5	2	9	2	0	2	3	2	4	4
20	0	2	0	1	5	2	2	3	0	0	2	2	2	2
21	2	3	2	0	0	0	0	2	0	0	0	0	1	1
22	0	1	3	0	2	0	0	0	2	0	0	2	1	1
23	2	2	6	7	2	0	0	2	2	6	2	3	3	3
24	6	4	9	5	4	3	***	2	4	3	3	2	4	4
25	3	6	3	6	4	0	4	3	4	2	6	3	3	3
26	5	3	3	8	3	0	2	0	0	2	6	0	5	5
27	13	3	3	13	9	2	2	4	0	3	8	3	3	3
28	6	4	3	3	2	2	2	0	0	0	3	8	4	4
29	6	2	3	6	7	3	4	0	0	0	3	6	5	5
30	5	5	9	3	11	3	3	6	0	3	0	6	5	5
31	5	8	3	3	2	3	5	3	0	2	0	2	3	3
MEAN	3	3	3	4	3	2	2	2	1	2	2	3	2.6	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	1	0	2	2	0	3	2	2	1	1
2	5	3	2	9	2	2	2	3	2	0	5	0	3	3
3	0	0	0	3	0	0	0	3	0	0	0	2	1	1
4	2	0	2	2	2	0	2	0	3	0	2	2	2	2
5	2	0	0	3	2	0	2	1	0	3	2	4	2	2
6	3	13	3	8	***	2	0	5	2	0	1	2	4	4
7	1	5	12	9	7	5	5	7	6	4	2	9	6	6
8	8	3	7	4	5	3	3	2	0	2	2	2	3	3
9	0	0	5	7	1	0	2	5	2	2	0	1	2	2
10	6	3	2	4	0	0	3	1	2	0	3	0	2	2
11	4	2	3	2	0	3	0	7	0	1	0	5	2	2
12	1	3	3	4	1	2	7	6	0	2	0	0	2	2
13	1	1	2	5	3	0	4	2	0	2	1	2	2	2
14	5	2	2	5	2	1	2	3	2	0	3	2	2	2
15	4	0	2	2	0	2	2	3	2	3	2	0	3	3
16	0	5	5	5	0	3	0	3	2	3	2	4	3	3
17	7	2	3	3	2	6	3	3	5	2	1	3	3	3
18	2	0	2	0	2	0	2	0	2	0	2	0	1	1
19	2	2	9	7	5	0	1	5	1	0	2	5	3	3
20	0	5	5	4	2	3	***	3	2	2	4	7	3	3
21	5	9	9	15	13	9	3	3	5	0	0	3	6	6
22	2	3	5	3	5	3	0	5	3	2	5	2	3	3
23	5	1	2	2	2	3	0	2	2	0	0	0	2	2
24	0	0	3	2	2	4	3	0	1	0	0	3	2	2
25	7	2	5	2	2	0	2	2	3	0	2	5	3	3
26	2	3	1	2	2	5	2	2	3	0	2	0	2	2
27	0	0	3	5	3	0	3	3	4	0	5	0	2	2
28	0	3	2	5	0	1	2	5	5	3	3	0	2	2
29	5	5	3	0	5	2	0	2	0	0	5	0	2	2
30	3	2	3	3	3	2	1	0	0	2	0	2	2	2
MEAN	3	3	4	4	3	2	2	3	2	1	2	2	2.5	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	3	2	0	5	0	2	2	2	2	2	2
2	2	0	5	3	0	2	2	1	2	2	3	0	0	2
3	0	2	3	2	3	2	2	2	0	2	2	0	0	2
4	5	0	2	0	2	2	2	2	0	3	2	2	2	3
5	3	7	7	3	5	3	0	3	1	3	0	3	3	4
6	5	2	2	3	4	5	3	2	3	7	0	2	1	1
7	0	0	5	0	2	4	2	0	7	2	1	0	0	2
8	2	2	2	0	0	3	0	0	2	2	0	0	0	1
9	2	2	0	2	0	2	0	0	2	2	2	3	7	2
10	0	2	0	0	2	2	0	2	2	2	3	7	2	2
11	5	7	7	12	14	7	3	2	5	5	3	1	6	6
12	2	0	5	2	2	3	0	0	0	5	2	0	2	2
13	3	0	5	4	2	2	0	2	2	0	2	2	2	2
14	0	3	0	0	7	5	3	0	5	0	0	5	2	2
15	2	3	0	5	5	0	0	5	0	0	0	5	2	2
16	0	4	0	3	3	0	2	0	0	2	0	2	1	1
17	0	3	0	3	0	0	4	0	3	0	0	2	1	1
18	0	4	0	2	5	0	***	5	3	1	0	0	2	2
19	2	2	3	3	2	3	0	0	4	3	0	2	2	2
20	1	4	3	11	1	2	2	0	4	3	5	7	4	4
21	8	6	11	21	18	5	2	2	4	2	0	0	7	7
22	0	2	0	2	8	2	0	3	0	0	2	1	2	2
23	0	1	4	2	3	2	0	3	1	0	1	1	2	2
24	4	2	3	0	0	1	0	2	0	1	2	4	2	2
25	2	0	0	3	2	0	3	0	2	0	1	2	1	1
26	2	0	0	2	6	10	1	4	1	0	1	2	2	2
27	2	1	2	2	2	0	0	1	0	4	3	0	2	2
28	0	0	0	1	0	3	0	0	2	2	2	3	1	1
29	3	3	6	11	4	8	0	2	0	2	1	2	4	3
30	3	4	6	5	2	2	1	2	1	3	2	0	3	3
MEAN	2	2	3	4	4	3	1	2	2	2	1	2	2.3	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	0	2	1	1	0	0	2	2	1	1
2	1	0	3	4	1	2	2	2	2	1	7	4	2	2
3	9	7	0	0	0	2	3	***	3	5	2	4	3	3
4	2	0	0	6	4	3	2	2	1	3	4	5	3	3
5	4	10	3	5	2	1	2	0	5	0	2	3	3	3
6	0	1	5	3	1	3	3	3	5	1	3	0	2	2
7	0	3	0	5	1	3	2	0	2	2	0	0	2	2
8	0	2	3	2	0	2	0	1	0	2	4	2	2	2
9	2	3	3	4	5	2	2	0	0	1	2	3	2	2
10	2	2	2	3	9	2	6	4	5	5	6	6	4	4
11	6	9	7	19	19	7	4	6	6	3	6	2	8	3
12	3	2	2	3	2	5	5	6	8	0	3	0	3	3
13	5	5	4	2	3	3	3	3	0	0	2	2	1	1
14	0	0	1	2	2	4	0	3	0	2	0	2	2	2
15	3	0	3	3	0	2	2	2	0	2	5	0	2	2
16	3	0	2	5	2	6	2	3	0	9	7	5	4	4
17	2	4	5	9	3	4	6	0	0	6	2	3	4	4
18	6	7	3	9	6	5	0	7	5	3	7	5	5	5
19	4	2	2	11	6	5	0	0	5	4	0	2	3	3
20	1	2	3	13	12	0	3	0	2	3	2	3	4	4
21	0	2	2	7	9	2	2	5	0	2	4	2	3	3
22	4	0	2	2	0	5	0	0	5	5	2	5	3	3
23	1	0	2	2	2	0	***	2	2	1	1	5	2	2
24	2	7	4	13	4	0	1	1	2	3	1	3	3	3
25	2	3	0	2	6	0	0	3	2	0	3	0	2	2
26	1	1	3	1	2	5	1	2	4	3	3	1	2	2
27	2	0	4	3	2	1	0	2	2	3	5	3	2	2
28	0	3	4	3	3	0	2	0	1	0	2	2	2	2
29	2	0	0	0	0	2	1	2	0	5	7	8	2	2
30	3	3	1	2	2	0	3	2	1	5	2	3	2	2
31	3	2	2	9	7	9	3	2	2	1	2	2	4	4
MEAN	2	3	3	5	4	3	2	2	2	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	7	15
FEB	28	2.4	5	13
MAR	31	2.3	5	13
APR	30	2.1	5	13
MAY	31	2.6	5	13
JUN	30	2.5	6	15
JUL	31	1.7	5	9
AUG	31	2.1	6	12
SEP	30	2.3	7	21
OCT	31	2.8	8	19
NOV	30	3.2	8	17
DEC	31	2.9	6	21
YEAR	365	2.4	8	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	311	55	4	0	0	0	0	370
FEB	279	47	8	0	0	0	0	334
MAR	318	47	4	0	0	0	0	369
APR	307	47	4	0	0	0	0	358
MAY	295	71	3	0	0	0	0	369
JUN	290	64	4	0	0	0	0	358
JUL	321	49	0	0	0	0	0	370
AUG	314	54	2	0	0	0	0	370
SEP	309	43	5	1	1	0	0	359
OCT	291	73	4	2	0	0	0	370
NOV	266	80	12	1	0	0	0	359
DEC	288	75	5	1	1	0	0	370
YEAR	3589	705	55	5	2	0	0	4356

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.5	0	0.0	0.3	1.6	2.5	4.9	6.6	8.7	10.9	21	2.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COH5/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	0	3	0	8	2	3	2	3	2	
2	0	0	5	5	7	0	8	0	0	3	0	2	3	
3	9	2	5	0	3	3	0	5	3	0	0	3	3	
4	3	2	3	7	2	3	3	2	2	2	2	7	5	
5	2	7	0	4	12	5	7	5	5	4	5	0	2	
6	10	3	0	0	2	3	0	0	2	7	5	9	4	
7	3	3	0	5	5	0	5	3	5	2	9	5	4	
8	2	5	2	0	7	0	3	0	2	2	7	2	3	
9	0	9	7	9	5	0	3	0	12	0	7	3	3	
10	0	0	0	0	5	2	****							
11	7	0	5	3	0	0	4	5	0	5	0	5	3	
12	3	0	2	0	5	12	2	7	3	5	6	3	4	
13	5	2	5	5	2	3	2	4	3	9	0	2	4	
14	4	5	3	2	0	0	0	0	3	0	5	2	3	
15	7	2	6	0	0	2	0	3	0	3	0	7	2	
16	2	2	0	0	0	5	0	2	3	2	0	0	3	
17	3	5	7	3	2	7	5	3	2	0	7	7	3	
18	2	0	2	5	0	2	0	2	0	5	0	3	5	
19	5	7	3	12	17	7	2	2	0	5	3	2	2	
20	0	5	2	0	0	5	2	0	4					
21	3	5	2	0	0	2	5	5	2	1	1	3	3	
22	7	3	0	7	0	5	0	0	****	****	****	****	2	
23	3	2	7	7	9	****	****	****	****	****	****	****	****	
24							- DATA INVALID -							
25							- DATA INVALID -							
26							- DATA INVALID -							
27							- DATA INVALID -							
28						2	0	0	2	5	0	0	1	
29	0	2	3	0	0	0	2	0	2	0	0	2	1	
30	1	0	0	0	0	0								
31	2	0	0	2	0	2	2	2	5	2	3	0	2	
MEAN	3	3	3	3	4	3	2	2	3	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 81.7      PERCENTAGE OF DATA INVALID - 18.3      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -\*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COH5/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	3	2	3	2	2	0	3	2	2	3	2	
2	7	4	7	5	12	3	5	2	3	3	3	1	5	
3	0	3	3	2	2	7	1	0	3	2	3	2	3	
4	3	0	5	0	0	2	0	2	3	0	0	3	2	
5	7	2	3	0	4	0	2	0	3	0	0	0	2	
6	3	2	3	0	5	2	0	3	0	0	0	0	2	
7	2	2	0	0	4	2	3	0	1	9	13	3	4	
8	2	0	3	3	2	3	2	1	0	3	0	4	3	
9	0	2	5	9	4	3	2	2	0	3	0	3	2	
10	0	3	5	3	3	2	2	2	0	3	0			
11	2	2	3	5	0	3	2	2	2	2	2	0	2	
12	2	0	0	2	2	0	0	2	0	2	0	0	1	
13	0	2	2	2	0	5	0	3	4	2	2	3	3	
14	****	0	2	4	2	2	1	3	3	5	4	4	4	
15	5	4	0	2	6	3	2	5	4	4	7	3	4	
16	4	7	2	5	7	4	5	1	2	3	6	2	4	
17	2	3	4	5	5	2	4	1	5	2	8	3	3	
18	3	5	4	2	2	1	5	0	2	1	0	0	3	
19	6	2	6	4	2	2	2	4	2	3	3	5	4	
20	****	****	2	6	4	6	3	2	7	2				
21	6	2	3	5	10	4	0	7	0	3	7	9	5	
22	2	3	0	3	2	0	2	7	0	0	5	0	2	
23	2	3	0	3	4	0	3	2	0	2	2	7	3	
24	4	2	2	0	2	5	0	0	3	3	0	7	3	
25	2	2	0	5	2	2	0	7	6	2	0	5	2	
26	3	2	0	3	2	0	0	0	5	2	0	0	3	
27	7	5	2	2	3	5	0	2	0	0	12	12	3	
28	0	0	0	3	2	3	0	2	2	2	3	3	2.7	
MEAN	3	2	2	3	4	3	2	2	2	2	3	3		

PERCENTAGE OF DATA VALID - 99.1      PERCENTAGE OF DATA INVALID - 0.9      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -\*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - MAR 78	
STATION - C	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR DAY														
1	5	7	3	6	7	2	0	0	3	0	2	****	3	
2							- DATA INVALID -							
3	****	****	****	****	****	****	****	3	3	5	5	7	*****	
4	4	2	2	7	4	6	4	5	4	3	3	2	4	
5	6	0	2	3	2	2	4	1	6	0	0	2	4	
6	5	0	5	4	2	4	3	6	2	3	4	1	3	
7	3	4	0	7	4	2	2	0	2	3	8	4	3	
8	2	2	0	4	6	0	0	2	4	4	2	3	5	
9	11	8	8	8	7	0	7	2	5	4	7	4	5	
10	4	3	4	8	6	6	6	4	5	4	7	4	5	
11	6	5	3	6	4	4	5	2	4	5	6	5	5	
12	6	11	8	9	8	4	3	4	5	2	8	6	6	
13	10	9	12	14	10	2	0	4	3	0	5	0	6	
14	3	0	0	3	0	7	0	3	0	0	5	0	2	
15	3	0	0	2	0	2	0	0	6	0	3	0	1	
16	0	3	0	2	2	0	3	0	0	0	0	0	1	
17	0	0	4	2	0	****	- DATA UNAVAILABLE -						*****	
18							- DATA UNAVAILABLE -							
19						****	7	4	5	0	5	0	*****	
20														
21	6	5	5	4	7	4	7	3	5	3	2	0	4	
22	0	0	4	0	3	0	0	9	0	5	0	0	2	
23	7	1	0	2	6	3	3	0	6	4	0	0	3	
24	2	2	0	1	0	3	0	2	0	0	0	0	1	
25	1	3	0	2	2	2	0	0	1	2	0	0	1	
26	2	3	3	0	0	2	7	0	0	3	1	5	2	
27	***	0	5	7	2	2	3	3	0	1	0	2	2	
28	3	0	5	3	9	3	5	0	5	2	2	3	3	
29	9	2	5	2	5	2	13	0	2	5	0	3	4	
30	2	0	7	5	4	0	0	5	0	2	2	2	2	
31	2	5	2	****	0	2	2	3	3	0	5	2	2	
MEAN	4	3	3	4	4	3	3	3	3	2	3	2	3.1	

PERCENTAGE OF DATA VALID - 84.1

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 9.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - APR 78	
STATION - C	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR DAY														
1	5	1	3	5	3	3	5	0	2	3	0	0	3	
2	6	2	3	2	3	0	2	7	0	2	3	6	3	
3	5	3	3	2	0	0	2	2	0	3	6	3	2	
4	2	3	3	4	2	2	2	5	3	9	9	9	4	
5	4	12	5	2	0	1	7	0	3	0	2	3	3	
6	9	3	6	6	0	3	2	0	2	2	4	2	3	
7	2	2	2	0	2	1	5	2	3	4	0	5	2	
8	7	11	5	5	3	5	6	9	6	5	3	3	6	
9	0	3	9	6	2	0	2	0	2	3	0	2	3	
10	2	5	0	0	4	0	3	0	0	3	0	0	1	
11	6	1	3	2	0	8	3	2	0	0	5	0	3	
12	3	0	2	5	0	0	3	2	2	2	0	0	2	
13	5	2	0	7	0	5	0	5	6	0	2	2	3	
14	2	3	6	5	6	3	4	5	12	2	7	0	5	
15	0	3	9	5	2	8	8	3	3	1	7	2	4	
16	3	3	0	3	0	3	0	3	6	0	6	0	2	
17	0	0	3	8	3	2	3	0	3	2	0	3	2	
18	3	2	3	5	2	0	7	0	0	0	2	5	2	
19	0	2	0	2	0	3	0	3	3	0	7	2	2	
20	0	2	1	2	3	4	0	9	3	7	7	0	3	
21	0	5	7	3	3	3	8	0	0	5	3	4	3	
22	0	3	2	7	3	0	0	4	0	0	3	2	2	
23	7	3	7	0	0	0	5	2	0	2	5	9	3	
24	4	0	13	2	2	0	0	0	3	3	0	0	3	
25	0	5	5	0	3	0	0	0	1	0	0	0	1	
26	7	2	9	3	0	3	1	3	0	2	5	0	3	
27	0	2	6	0	2	0	0	0	3	2	3	0	1	
28	1	3	0	0	4	2	2	2	0	0	5	0	2	
29	0	2	0	0	2	1	3	2	0	0	5	5	2	
30	1	2	0	0	2	1	3	2	0	0	5	5	2	
MEAN	3	3	4	3	2	2	3	2	2	2	4	2	2.6	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	6	3	0	5	2	2	4	0	0	2	*****
2	0	0	3	0	0	0	2	0	0	0	0	0	0	0
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17						0	1	7	2	8	11	3	2	*****
18						0	0	0	2	0	0	1	2	
19	3	1	3	7	5	0	0	0	0	0	2	0	2	
20	0	3	2	0	3	6	0	4	0	4	0	0	0	
21	0	8	2	0	3	0	0	0	2	0	3	2	2	
22	2	0	3	0	2	1	0	0	2	2	3	0	1	
23	0	1	2	5	0	3	0	3	2	3	2	0	2	
24	2	0	0	5	6	7	2	7	2	1	4	6	3	
25	2	3	2	9	2	3	0	0	2	0	5	5	3	
26	2	11	9	7	5	5	0	3	0	9	7	2	5	
27	7	8	8	0	2	0	4	2	7	3	7	3	4	
28	3	7	5	4	2	2	1	2	2	0	3	0	3	
29	7	3	2	4	3	2	0	2	3	2	5	2	3	
30	3	2	0	7	2	3	2	1	3	3	2	0	2	
31	6	2	5	6	0	5	0	3	0	0	2	0	2	
MEAN	3	3	3	4	3	2	2	2	2	3	4	2	2.6	

PERCENTAGE OF DATA VALID - 48.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 51.1

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	5	2	2	1	3	2	3	4	4	2	
2	4	0	1	3	1	0	0	4	0	2	2	4	2	
3	2	3	0	3	2	0	3	2	2	2	0	2	2	
4	3	3	2	5	2	3	2	2	2	1	2	0	1	
5	2	3	0	2	2	0	0	0	2	1	0	2	2	
6	5	0	5	2	3	2	3	0	3	0	7	6	4	
7	3	2	6	2	4	3	3	0	0	3	0	3	2	
8	3	0	0	2	3	3	1	0	0	2	2	5	2	
9	4	0	2	0	5	***	2	0	0	2	2	5	2	
10	2	2	0	5	4	0	1	2	1	1	2	2	2	
11	0	2	1	5	0	0	2	0	0	3	0	4	1	
12	2	0	0	5	6	1	4	4	2	3	2	3	2	
13	4	2	1	2	0	2	0	0	0	0	2	2	1	
14	1	3	0	0	1	2	2	0	1	4	0	2	2	
15	2	4	2	3	2	2	2	1	0	2	1	2	2	
16	5	2	4	4	1	5	1	0	2	0	0	3	3	
17	2	0	4	1	2	1	9	2	2	3	3	1	1	
18	2	0	1	4	0	0	0	5	2	1	0	5	3	
19	2	2	1	8	3	3	0	2	2	0	2	4	2	
20	4	2	2	7	0	2	2	0	2	2	2	4	2	
21	3	8	3	11	7	6	2	0	0	2	0	6	4	
22	3	3	2	2	0	1	0	3	0	2	1	0	1	
23	0	0	0	4	0	0	3	0	2	0	2	4	1	
24	2	6	2	5	0	2	0	0	4	0	1	4	1	
25	0	2	1	2	0	2	4	2	1	2	0	5	3	
26	2	2	9	2	5	0	2	11	0	0	3	0	2	
27	0	2	3	0	2	1	0	2	2	0	2	0	1	
28	4	0	2	0	0	0	0	2	3	1	1	2	1	
29	0	2	0	2	2	0	1	0	0	0	0	0	1	
30	0	1	2	4	1	2	2	2	1	1	2	3	2.0	
MEAN	2	2	2	3	2	2	2	2	1	1	2	3		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	0	0	0	0	2	4	3	0	1	
2	2	0	1	2	1	0	2	0	2	0	2	0	1	
3	2	0	4	0	0	0	0	2	2	1	0	3	1	
4	0	0	4	4	3	0	0	2	0	0	0	3	1	
5	5	5	2	0	0	***	5	2	0	0	0	2	3	
6	2	2	3	2	2	3	1	2	0	0	0	2	1	
7	2	2	3	2	2	0	2	2	2	0	1	0	2	
8	2	0	2	3	0	1	0	0	0	0	2	0	1	
9	1	0	2	3	0	2	0	2	3	1	0	0	1	
10	3	0	3	0	0	1	2	0	2	1	1	0	1	
11	2	0	2	3	1	2	0	2	2	2	0	0	1	
12	1	0	3	2	0	3	0	2	0	2	2	2	1	
13	0	2	3	4	0	5	2	0	0	3	4	3	2	
14	2	3	0	3	2	3	0	0	0	2	2	0	1	
15	2	1	2	0	5	2	0	***	0	0	3	0	1	
16	5	0	2	0	0	0	2	0	3	0	0	0	1	
17	2	0	1	0	3	0	1	2	0	2	0	2	2	
18	2	1	3	5	0	1	0	3	0	2	8	7	3	
19	0	3	2	6	2	2	2	0	0	1	0	2	2	
20	6	0	0	8	5	3	0	0	0	1	0	2	2	
21	3	2	1	2	0	***	3	3	3	2	6	0	2	
22	0	0	3	2	0	5	0	3	3	0	0	0	1	
23	2	0	2	0	0	2	0	1	2	0	0	2	1	
24	0	0	2	2	0	0	3	0	0	0	0	0	1	
25	2	0	2	0	0	2	1	0	0	0	0	0	1	
26	0	0	0	0	0	3	0	0	0	0	0	0	0	
27	3	0	0	3	0	2	0	0	0	2	0	0	1	
28	0	2	0	2	0	0	2	0	0	2	0	3	1	
29	1	2	0	3	0	0	2	0	0	0	0	0	1	
30	0	3	0	0	1	0	0	0	0	0	2	0	1	
31	2	2	0	2	0	2	2	0	0	0	2	0	1	
MEAN	2	1	2	2	1	2	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	0	0	0	0	0	1	2	0	1	
2	2	0	1	2	1	3	0	3	0	0	0	3	1	
3	0	0	0	2	0	0	3	2	0	0	0	0	1	
4	0	2	2	0	0	***	1	0	2	2	1	0	1	
5	2	0	5	2	0	1	2	2	2	2	0	0	1	
6	2	0	3	0	0	0	0	0	0	0	0	0	0	
7	0	1	2	0	0	0	0	0	0	0	0	0	0	
8	1	0	1	0	0	2	2	0	2	0	0	1	1	
9	2	2	1	2	0	0	0	0	0	1	0	3	1	
10	2	1	2	2	2	0	0	0	0	0	0	0	1	
11	0	2	1	0	2	1	2	0	2	0	5	2	1	
12	3	2	0	2	0	0	0	3	2	2	0	2	1	
13	0	0	0	1	0	2	0	2	0	2	3	0	1	
14	2	0	2	0	2	1	1	0	2	0	1	0	1	
15	2	0	3	2	1	0	6	0	2	2	2	0	2	
16	2	3	2	2	0	2	0	3	0	0	1	0	1	
17	0	0	0	1	3	3	0	0	0	3	0	0	1	
18	2	0	1	0	0	1	0	2	0	3	0	0	1	
19	2	0	0	0	1	1	0	0	2	0	0	0	1	
20	0	4	0	1	0	0	0	0	0	0	0	1	1	
21	0	0	1	1	1	1	0	0	2	0	0	0	1	
22	1	0	0	0	1	0	0	0	2	0	0	0	0	
23	1	2	0	1	0	0	0	2	4	0	2	0	1	
24	2	2	1	1	2	0	0	0	2	2	0	0	1	
25	1	1	2	2	0	2	0	0	0	0	0	3	1	
26	4	0	0	0	0	1	0	1	0	0	0	0	1	
27	0	0	0	0	0	0	2	0	1	2	0	0	0	
28	0	4	0	0	0	0	***	0	0	2	0	0	1	
29	0	0	0	2	1	2	0	0	2	0	3	0	1	
30	0	0	1	0	0	0	0	0	1	0	1	0	0	
31	0	1	0	0	0	2	0	2	0	2	1	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	0	0.8	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	1	0	0	0	2	2	0	2	0	1	
2	0	1	1	0	0	2	3	0	1	0	1	0	1	
3	0	0	2	0	0	2	0	0	0	0	0	0	1	
4	2	0	1	2	0	0	2	0	0	4	0	0	1	
5	0	2	0	2	1	0	2	1	0	3	0	2	1	
6	0	2	2	0	0	0	0	2	3	0	2	2	1	
7	2	0	4	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	2	0	0	1	
9	0	0	0	1	1	0	1	2	1	0	0	0	1	
10	0	2	2	0	2	1	2	0	0	4	0	0	1	
11	3	3	2	1	2	1	0	2	0	0	1	1	1	
12	2	0	1	0	2	1	0	0	0	0	0	0	1	
13	0	4	0	1	0	2	0	0	2	2	2	0	1	
14	1	0	0	3	0	0	0	1	3	2	0	0	1	
15	2	0	2	0	0	0	1	2	0	2	0	2	1	
16	0	0	0	0	0	1	0	0	0	2	1	2	1	
17	0	2	0	0	0	0	0	3	0	2	2	0	1	
18	0	1	1	0	0	2	1	0	0	0	2	0	1	
19	5	2	2	0	0	0	2	0	1	0	0	0	1	
20	2	0	2	0	0	0	2	0	1	0	0	0	1	
21	0	0	2	0	0	0	0	0	0	0	0	2	0	
22	0	0	0	0	0	0	1	0	0	0	0	0	0	
23	0	3	0	1	0	3	0	0	0	2	2	0	1	
24	0	0	0	2	6	0	0	0	2	0	0	0	1	
25	1	3	0	0	3	0	3	0	2	0	1	1	2	
26	0	0	0	0	3	1	0	11	0	3	0	0	1	
27	0	2	0	0	0	3	0	0	5	0	0	0	1	
28	2	2	2	0	2	0	2	0	0	0	0	2	1	
29	0	0	0	2	2	0	0	0	0	0	0	0	1	
30	0	0	0	3	0	3	0	0	0	0	0	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	1	3	0	2	0	0	0	2	0	1	
2	0	0	1	0	0	1	1	0	0	0	1	0	0	
3	0	0	2	0	2	0	0	0	1	0	0	1	1	
4	0	2	0	1	0	2	0	0	0	2	0	2	1	
5	1	5	0	1	1	0	0	0	5	2	0	0	1	
6	2	0	1	0	0	0	0	2	0	1	0	3	1	
7	3	0	1	0	0	0	0	0	0	1	0	2	1	
8	0	0	2	0	3	0	0	0	0	2	0	0	0	
9	0	3	0	0	0	0	0	0	0	3	0	0	1	
10	0	0	1	3	0	0	0	0	0	0	0	0	1	
11	2	0	0	2	0	0	0	0	0	2	0	2	1	
12	2	2	0	0	2	0	0	0	1	0	0	0	1	
13	0	0	0	0	0	0	0	0	2	2	0	1	1	
14	2	0	0	0	2	0	0	0	4	0	0	1	1	
15	0	2	0	0	4	0	0	0	1	1	0	0	0	
16	0	0	0	2	0	0	1	2	0	1	0	0	1	
17	2	2	0	2	0	2	0	2	0	0	0	0	1	
18	0	3	2	0	2	0	0	0	0	0	0	0	0	
19	2	0	2	1	1	0	0	0	0	3	2	0	1	
20	0	3	0	0	0	2	0	0	0	0	0	0	1	
21	2	2	0	2	0	0	0	1	0	0	0	0	1	
22	0	1	0	3	0	2	3	0	3	2	0	2	2	
23	0	0	0	1	0	2	0	0	1	1	2	0	1	
24	1	3	0	0	0	0	2	2	3	0	0	0	1	
25	1	3	0	0	4	0	0	0	1	0	2	1	1	
26	0	2	0	0	0	2	0	2	1	0	3	0	1	
27	0	0	0	2	2	4	0	1	0	2	0	0	1	
28	1	2	2	3	1	0	0	0	3	0	2	1	1	
29	2	0	0	0	0	0	2	0	0	7	0	5	3	
30	2	0	2	0	5	1	4	1	0	0	6	0	1	
31	3	5	3	2	5	0	0	2	0	0	2	2	2	
MEAN	1	1	1	1	1	1	1	0	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	2	4	2	2	2	0	2	2	2	2
2	2	3	0	1	5	0	2	3	2	4	1	3	2	2
3	4	3	5	2	7	1	****	8	0	3	2	3	3	3
4	2	2	2	2	0	0	2	0	2	0	1	3	1	1
5	0	2	2	3	3	1	8	2	2	1	2	0	1	1
6	0	3	1	1	2	3	0	1	2	0	2	2	2	2
7	0	6	1	3	2	2	0	0	2	2	0	2	3	3
8	0	4	3	15	2	2	0	0	2	0	0	2	1	1
9	1	0	0	0	0	2	0	0	2	0	0	2	1	3
10	2	4	2	4	4	2	2	1	3	2	2	2	3	3
11	0	3	3	0	1	2	2	2	1	0	1	2	1	1
12	0	2	0	0	0	0	0	0	0	0	0	2	0	0
13	0	0	0	0	0	2	0	0	2	1	0	3	1	1
14	2	0	0	2	0	2	0	0	2	0	2	0	1	1
15	2	0	0	2	2	1	2	0	3	3	2	3	2	2
16	0	2	1	2	2	1	2	0	0	1	0	0	1	1
17	0	1	0	2	1	0	0	2	0	1	1	1	1	1
18	0	0	0	0	0	1	1	2	1	0	0	2	1	1
19	4	0	5	2	0	1	1	0	0	1	2	0	1	1
20	2	0	0	2	4	1	1	0	2	1	0	1	1	1
21	0	0	0	2	0	2	0	0	1	0	2	1	1	1
22	0	0	1	1	1	0	0	2	2	1	1	1	1	1
23	2	0	2	1	2	2	1	1	2	0	2	0	1	1
24	0	0	0	3	0	0	0	2	0	3	0	0	1	1
25	1	0	1	2	0	1	0	1	2	0	0	0	1	1
26	2	2	2	0	1	2	0	1	0	0	0	0	0	0
27	1	1	0	0	0	1	0	0	0	0	0	0	0	0
28	2	0	0	0	3	4	2	2	0	0	0	2	1	1
29	0	3	2	2	0	2	0	0	2	1	3	2	1	1
30	0	2	0	0	0	0	0	0	1	1	0	2	1	1
MEAN	1	2	1	2	2	1	1	1	1	1	1	2	1.3	1.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	1	2	1	0	2	0	0	2	1	1
2	2	1	2	0	1	2	0	2	1	3	0	3	1	1
3	1	0	1	1	0	1	0	1	1	2	5	0	1	1
4	2	0	1	1	0	0	2	0	1	2	0	0	1	1
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	5	2	1	0	0	0	2	0	0	1	1
7	1	0	1	0	0	2	1	0	0	0	0	3	1	1
8	2	0	2	2	2	2	1	0	0	2	3	2	2	2
9	0	1	0	3	0	0	1	1	0	1	0	0	1	1
10	0	1	0	0	2	0	0	0	0	2	0	2	1	1
11	0	0	1	1	1	1	0	0	0	1	0	0	0	0
12	2	3	0	0	2	1	0	2	2	0	0	2	1	1
13	1	0	1	0	0	1	1	1	0	0	0	0	0	0
14	0	0	0	0	1	2	0	0	0	0	1	2	1	1
15	0	0	0	0	0	1	****	13	3	0	0	0	2	2
16	0	3	0	0	0	2	0	2	0	2	0	1	1	1
17	1	0	0	0	2	3	1	0	1	1	1	2	1	1
18	0	0	0	0	3	1	3	0	0	0	0	0	1	1
19	0	0	1	2	0	0	3	3	0	2	0	0	1	1
20	0	2	2	3	0	0	1	0	2	0	3	2	1	1
21	3	2	0	2	2	0	2	0	0	3	0	0	1	1
22	5	3	1	0	0	3	0	3	0	2	1	4	2	2
23	0	2	0	3	3	0	0	3	3	3	5	9	3	3
24	4	3	2	5	0	3	3	2	0	2	0	4	2	2
25	0	3	2	3	4	4	2	3	2	3	0	0	2	2
26	1	5	2	3	2	1	0	0	2	2	0	0	2	2
27	0	2	4	1	2	0	1	0	2	4	5	0	2	2
28	0	0	2	0	8	2	2	3	2	0	2	2	2	2
29	2	0	0	1	5	3	2	2	0	2	3	3	2	2
30	4	1	0	0	3	1	0	3	2	6	7	7	3	3
31	9	5	8	3	7	5	4	6	3	5	1	2	5	5
MEAN	1	1	1	1	2	1	1	2	1	2	1	2	1.3	1.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	2.9	5	17
FEB	28	2.7	5	13
MAR	25	3.1	6	14
APR	30	2.6	6	13
MAY	14	2.6	5	11
JUN	30	2.0	4	11
JUL	31	1.3	3	8
AUG	31	0.8	2	6
SEP	30	0.8	2	11
OCT	31	0.9	3	7
NOV	30	1.3	3	15
DEC	31	1.3	5	13
YEAR	336	1.8	6	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44007 2037 PINE ST BURLINGTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	216	83	4	1	0	0	0	304
FEB	270	59	4	0	0	0	0	333
MAR	225	83	5	0	0	0	0	313
APR	276	80	4	0	0	0	0	360
MAY	143	37	2	0	0	0	0	182
JUN	324	33	2	0	0	0	0	359
JUL	353	16	0	0	0	0	0	369
AUG	367	3	0	0	0	0	0	370
SEP	356	3	1	0	0	0	0	360
OCT	364	8	0	0	0	0	0	372
NOV	351	7	1	0	0	0	0	359
DEC	350	20	1	0	0	0	0	371
YEAR	3595	432	24	1	0	0	0	4052

FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.5	0	0.0	0.0	1.0	1.8	4.3	5.7	7.4	8.7	17	1.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	0	0	2	0	3	0	0	0	
2	2	0	0	0	5	0	0	2	3	3	1	2	2	
3	2	2	0	2	3	3	0	2	3	3	0	5	2	
4	2	2	3	3	2	4	3	2	2	5	0	4	3	
5	2	2	7	17	5	2	5	3	8	12	7	12	7	
6	2	0	0	2	0	0	0	0	0	0	0	3	1	
7	0	4	2	2	3	0	5	0	3	9	5	12	4	
8	5	3	5	0	2	2	0	2	7	5	3	2	3	
9	0	0	0	0	0	2	****	0	3	0	2	2	1	
10	1	2	0	3	0	2	0	9	0	5	0	3	2	
11	0	2	0	2	0	2	0	9	1	1	3	3	2	
12	2	2	3	5	6	5	5	7	5	6	5	6	5	
13	2	3	9	3	4	2	2	3	5	4	0	3	3	
14	2	3	0	3	0	1	0	1	3	0	1	4	2	
15	2	0	2	0	3	0	2	3	0	2	2	3	2	
16	0	0	0	0	3	3	2	2	0	7	2	9	2	
17	11	4	0	6	3	12	6	0	2	0	2	2	4	
18	2	0	0	2	4	0	2	0	3	3	6	0	2	
19	3	6	0	9	7	2	1	2	9	3	6	0	4	
20	2	0	0	1	2	2	2	1	3	4	3	0	2	
21	2	2	0	0	0	4	2	0	3	11	5	3	3	
22	2	3	0	5	2	2	2	4	2	7	0	3	3	
23	5	7	4	3	***	3	5	0	8	7	11	5	5	
24	11	7	8	8	4	11	9	9	10	7	6	9	8	
25	3	15	19	5	0	7	9	5	5	3	2	2	6	
26	0	2	3	1	2	2	3	0	5	4	0	2	2	
27	2	4	0	2	5	3	2	0	3	3	2	0	2	
28	2	0	1	2	2	2	2	0	3	0	3	4	2	
29	3	2	2	0	2	3	0	2	0	5	5	0	2	
30	3	1	2	2	4	3	2	0	2	2	2	2	2	
31	0	5	2	3	5	3	6	3	3	5	0	0	3	
MEAN	2	3	2	3	3	3	3	2	3	4	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	3	0	1	2	2	0	3	5	2	4	2	
2	3	6	6	4	11	3	7	5	7	7	2	7	6	
3	5	0	5	2	5	1	0	2	0	5	2	2	2	
4	2	3	0	3	0	5	2	3	2	5	6	3	3	
5	5	2	0	3	2	0	5	2	5	2	2	3	1	
6	1	0	2	0	2	1	0	2	2	2	0	3	1	
7	0	0	0	3	2	0	2	2	0	3	5	4	2	
8	1	0	2	2	0	4	0	2	2	9	7	4	3	
9	3	0	0	5	5	2	5	3	2	2	2	2	3	
10	3	2	3	7	5	3	2	2	3	4	0	4	3	
11	2	2	4	0	5	2	3	2	0	2	0	3	2	
12	0	1	2	0	0	2	2	0	2	2	3	0	1	
13	3	0	5	0	3	3	0	3	0	5	2	0	2	
14	2	2	0	7	0	4	0	3	2	3	9	2	3	
15	2	2	2	3	8	7	0	3	4	5	9	7	4	
16	10	7	3	6	6	1	3	2	2	3	5	5	4	
17	3	2	1	5	3	2	2	5	2	0	5	7	3	
18	7	2	7	5	3	2	5	2	2	5	3	9	4	
19	2	3	0	2	2	1	0	0	5	2	5	3	2	
20	5	2	5	6	11	4	3	7	2	9	6	5	5	
21	6	5	3	3	6	2	0	3	3	2	5	0	3	
22	2	2	3	2	3	2	2	2	0	0	2	3	2	
23	2	2	5	3	5	2	2	3	0	7	2	3	3	
24	2	3	2	5	2	3	0	0	3	5	3	2	3	
25	2	3	0	3	4	0	3	2	0	3	2	3	2	
26	0	2	2	2	2	2	0	0	2	3	0	3	2	
27	2	1	0	2	0	2	4	2	2	4	1	4	2	
28	0	3	5	5	5	1	3	0	2	7	13	4	4	
MEAN	3	2	3	3	4	2	2	2	2	4	4	4	2.8	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	7	1	8	2	2	2	2	0	5	1	3	
2	4	0	2	5	5	3	0	0	3	1	3	3	2	
3	2	3	0	2	1	2	2	0	2	0	2	2	2	
4	0	2	0	2	2	2	0	2	1	3	2	4	2	
5	2	2	0	4	0	2	0	3	0	3	3	5	2	
6	1	4	5	7	2	0	****	-	-	-	-	-	*****	
7	-	-	-	-	-	-	0	0	2	2	0	3	*****	
8	2	0	0	2	5	0	2	1	0	3	5	5	2	
9	3	3	1	5	3	3	3	0	2	0	4	0	2	
10	6	2	7	3	3	2	6	3	2	4	9	5	4	
11	8	4	5	2	0	3	2	1	2	4	7	6	4	
12	7	5	3	2	3	0	5	2	2	5	4	0	3	
13	2	3	3	9	3	1	2	2	2	4	0	3	3	
14	3	2	0	3	2	2	3	0	2	5	2	1	2	
15	5	0	0	1	1	0	0	2	0	0	0	0	1	
16	2	2	0	3	0	0	0	0	2	0	5	0	1	
17	0	1	1	0	2	0	1	2	0	2	5	1	1	
18	0	0	3	0	2	0	2	0	0	0	2	0	1	
19	2	0	2	0	3	0	1	0	0	6	0	0	2	
20	2	2	2	3	2	0	2	0	0	0	0	0	2	
21	2	3	5	18	11	2	3	3	3	2	7	0	5	
22	1	3	2	2	2	0	0	3	2	3	2	3	2	
23	0	0	0	5	3	0	2	2	0	2	5	0	2	
24	0	0	0	0	2	0	0	0	3	2	3	2	1	
25	3	2	0	0	0	3	0	0	0	3	2	0	1	
26	3	1	0	2	0	1	0	2	2	0	4	2	2	
27	0	3	2	4	0	2	0	0	2	2	3	3	3	
28	1	0	0	6	2	3	3	2	7	7	3	3	3	
29	5	0	0	1	0	1	2	0	3	2	2	0	1	
30	0	1	2	0	3	0	3	0	0	3	0	3	1	
31	2	2	0	5	3	2	0	2	1	4	0	2	2	
MEAN	2	2	2	3	3	1	2	1	2	2	3	2	2.1	

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	0	2	2	2	0	2	0	2	1	
2	0	0	2	0	0	0	0	2	0	3	3	5	1	
3	3	2	1	0	0	2	0	3	0	2	2	0	1	
4	0	0	1	0	3	1	3	3	2	5	3	0	2	
5	0	2	2	0	0	0	0	0	0	0	3	3	1	
6	2	2	7	5	2	2	2	0	0	0	2	0	2	
7	0	0	0	2	0	1	0	0	0	2	0	0	0	
8	0	0	0	3	0	2	0	0	0	2	0	1	1	
9	0	0	2	0	0	2	1	0	0	5	5	2	1	
10	0	0	3	1	0	2	0	0	0	0	3	0	1	
11	0	0	2	0	2	3	2	0	0	2	4	0	1	
12	2	2	0	2	2	0	0	2	2	1	0	2	1	
13	0	2	0	0	1	0	0	0	0	0	0	0	0	
14	0	0	0	2	0	3	0	0	0	0	0	0	1	
15	3	2	0	2	0	0	0	0	0	2	0	2	1	
16	0	3	2	0	0	2	0	0	0	3	2	2	1	
17	1	0	3	0	2	2	***	0	0	0	0	0	0	
18	0	0	2	0	0	0	0	2	0	0	2	0	0	
19	0	2	0	0	0	0	0	0	0	0	2	0	0	
20	0	2	0	2	0	2	0	0	0	0	2	0	1	
21	0	0	0	0	0	2	0	0	2	0	0	0	0	
22	2	0	2	0	0	0	0	0	2	2	2	0	1	
23	2	1	2	2	2	2	2	0	0	7	3	5	2	
24	3	0	4	2	2	2	0	2	0	0	0	0	2	
25	2	2	2	3	2	0	0	2	2	0	0	5	3	
26	5	2	2	2	0	0	3	0	0	3	5	0	1	
27	2	0	2	0	2	2	0	0	0	0	0	0	1	
28	0	0	2	2	2	1	0	0	3	2	2	0	1	
29	2	2	0	0	0	2	0	0	0	0	0	0	0	
30	0	0	0	2	0	0	2	0	0	0	0	0	0	
MEAN	1	1	1	1	1	1	1	1	0	2	1	1	1.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	3	0	0	1	0	0	0	0	0	1	2
2	2	2	2	2	0	0	3	0	1	5	3	2	2	1
3	0	3	0	2	3	0	5	0	3	2	0	0	2	2
4	2	0	1	0	0	0	2	0	2	2	3	0	1	1
5	0	0	0	0	2	0	0	0	0	2	1	3	7	2
6	0	3	0	3	0	0	0	3	0	9	3	0	1	1
7	0	2	2	2	2	0	2	0	3	0	0	2	2	2
8	3	0	5	0	3	0	3	2	3	1	1	2	0	2
9	3	0	2	0	3	0	2	3	0	3	0	5	1	1
10	2	0	2	2	0	2	0	0	0	3	0	5	1	1
11	5	2	7	2	0	2	5	0	2	2	3	4	3	3
12	0	2	0	9	2	3	2	7	3	2	3	3	3	3
13	2	5	2	2	3	0	3	0	5	5	0	2	2	2
14	3	3	3	0	0	0	2	0	2	2	1	1	1	1
15	0	0	0	0	0	0	***	0	0	0	2	0	0	0
16	0	0	2	0	0	0	0	3	0	2	2	0	1	1
17	0	0	2	2	0	0	0	0	0	0	2	2	1	1
18	2	0	2	2	5	3	0	0	2	3	3	7	2	2
19	2	4	7	5	3	2	0	2	0	4	7	3	3	3
20	2	3	3	2	2	3	2	0	2	2	0	0	2	2
21	0	0	2	0	0	0	3	2	3	0	3	4	1	1
22	0	0	2	2	0	3	2	0	3	0	7	5	2	2
23	0	2	3	2	3	0	3	3	2	5	5	3	3	3
24	2	1	7	2	9	3	0	2	2	2	3	7	3	3
25	5	3	3	4	2	0	5	2	0	3	3	7	5	5
26	2	7	5	7	3	9	3	2	3	5	3	5	5	5
27	5	2	3	5	9	4	3	5	9	3	3	7	5	5
28	9	7	7	5	2	5	6	0	2	2	7	9	4	4
29	2	4	0	7	2	5	3	2	5	3	3	6	5	5
30	3	8	5	10	3	3	3	2	5	3	3	6	5	5
31	6	5	5	2	3	0	2	0	3	2	0	2	3	3
MEAN	2	2	3	3	2	2	2	1	2	2	3	3	2.3	2.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	0	4	3	2	0	2	2	2	1	2	3	2	2
2	1	2	0	7	2	3	0	2	5	0	5	2	2	2
3	2	2	2	2	0	0	0	2	2	3	3	2	2	2
4	0	7	0	5	0	2	0	3	2	3	5	1	2	2
5	4	2	5	0	3	0	0	2	0	2	1	2	2	2
6	3	6	6	4	7	3	2	2	2	2	3	3	4	4
7	9	5	2	5	5	2	7	5	2	7	3	2	5	5
8	5	5	5	3	2	2	3	2	3	2	1	0	3	3
9	0	3	0	0	0	0	3	0	0	2	0	3	1	1
10	3	0	3	1	3	3	0	0	0	5	0	2	2	2
11	7	2	2	3	3	3	1	3	5	2	2	2	3	3
12	7	5	2	2	3	5	1	4	3	0	0	3	1	3
13	0	0	0	2	0	2	0	0	0	0	3	3	1	1
14	0	3	2	2	2	0	4	0	2	0	5	0	2	2
15	3	2	3	0	2	2	3	0	3	0	5	2	2	2
16	4	2	7	3	5	0	3	4	2	3	5	0	3	3
17	2	4	7	0	5	3	7	5	12	3	3	3	5	5
18	7	2	0	0	0	3	0	5	0	2	0	0	2	2
19	0	0	0	0	0	2	3	3	0	0	4	2	1	1
20	3	9	13	7	7	5	5	5	3	3	5	9	6	6
21	9	9	3	7	12	5	7	2	2	0	2	3	5	5
22	2	5	0	5	0	2	5	0	3	1	9	0	3	3
23	2	2	0	3	0	0	3	0	0	2	0	7	2	2
24	0	4	0	2	5	2	2	0	0	3	2	2	2	2
25	5	2	7	3	3	3	0	0	4	2	2	7	3	3
26	5	2	3	2	5	3	***	0	0	2	2	0	2	2
27	5	3	5	3	7	5	2	0	2	0	2	2	3	3
28	3	2	0	0	3	0	3	0	0	0	3	2	1	1
29	4	0	2	7	0	2	0	2	2	2	3	3	2	2
30	0	0	5	0	3	0	5	2	0	2	2	2	2	2
MEAN	3	3	3	3	3	2	2	2	2	2	3	2	2.5	2.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	2	0	2	0	3	2	2	3	1	
2	2	7	1	0	2	0	3	0	2	2	0	0	2	
3	0	9	2	0	***	***	***	***	***	***	***	***	***	
4							DATA INVALID							
5							DATA INVALID							
6							DATA INVALID							
7							DATA INVALID							
8							DATA INVALID							
9							DATA INVALID							
10							DATA INVALID							
11	-	-	-	-	-	-	0	0	2	4	0	3	*****	
12	1	0	0	3	0	0	5	0	0	1	2	5	1	
13	3	5	13	0	3	1	2	5	0	0	0	2	3	
14	2	2	3	5	7	3	0	2	0	0	0	0	2	
15	3	3	0	1	0	5	2	2	0	0	0	0	1	
16	0	0	0	0	2	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	2	2	0	
18	0	0	0	0	0	0	0	0	2	0	0	1	0	
19	0	0	2	0	0	0	0	0	0	0	0	0	1	
20	2	0	0	0	2	2	2	0	2	0	0	0		
21	0	0	2	0	0	2	2	5	7	5	5	2	3	
22	3	5	3	2	0	3	3	3	3	2	7	3	3	
23	4	2	2	0	3	0	0	0	0	0	1	0	1	
24	0	0	2	2	2	0	0	0	0	0	0	0	0	
25	0	1	2	2	2	1	0	0	0	0	0	0	1	
26	2	2	0	1	2	2	0	0	0	0	0	0	1	
27	0	1	0	0	2	2	1	0	0	2	0	0	1	
28	0	0	0	1	0	2	3	0	0	0	0	3	1	
29	2	0	0	0	0	0	1	3	0	2	0	0	1	
30	1	0	0	2	0	0	1	2	0	0	0	0	1	
31	2	0	0	0	2	0	2	2	0	0	3	0	1	
MEAN	1	2	1	1	1	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID - 73.4

PERCENTAGE OF DATA INVALID - 23.1

PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	1	0	0	0	2	1	1	0	1	
2	0	0	0	2	2	0	0	0	0	3	1	0	1	
3	2	0	0	0	2	0	0	0	2	0	2	0	1	
4	0	2	0	2	0	1	2	0	2	0	0	0	1	
5	1	0	2	1	2	2	2	1	0	0	0	1	1	
6	2	0	1	2	0	0	0	2	2	3	2	2	2	
7	2	2	2	1	3	***	0	2	0	0	1	0	1	
8	2	1	0	2	0	2	0	2	0	1	0	0	1	
9	0	0	0	2	0	2	0	0	0	1	0	0	1	
10	0	0	2	2	3	2	2	0	1	0	2	2	1	
11	0	3	0	2	2	1	2	0	0	1	2	0	1	
12	2	0	0	1	1	1	2	0	1	0	0	0	1	
13	0	2	0	0	0	0	0	0	0	3	0	0	1	
14	0	1	0	0	0	1	2	2	1	1	0	0	1	
15	0	0	2	1	0	1	1	1	0	0	0	0	1	
16	2	2	0	2	0	1	0	2	1	0	1	1	1	
17	1	1	0	0	2	0	1	2	1	0	1	0	1	
18	2	0	0	2	0	0	0	2	0	2	0	0	1	
19	2	0	0	1	0	3	1	1	2	1	0	0	1	
20	0	0	2	4	1	1	1	0	0	0	0	0		
21	1	0	0	2	3	0	0	14	2	0	4	0	2	
22	0	2	0	4	0	0	3	1	0	2	2	0	1	
23	0	0	0	0	0	0	2	2	0	2	2	0	1	
24	0	2	0	0	1	0	3	2	0	2	2	0	1	
25	0	2	0	4	0	2	4	0	0	0	2	0	1	
26	0	3	0	0	1	2	0	2	0	0	0	1	1	
27	0	0	3	0	1	0	0	0	2	0	4	1	1	
28	0	2	3	2	0	0	0	2	2	0	0	2	1	
29	0	0	4	1	0	0	0	2	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0		
31	0	0	0	2	2	0	0	2	0	2	0	0	1	
MEAN	1	1	1	1	1	1	1	2	1	1	1	0	0.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	2	1	2	0	0	0	3	0	1	
2	0	3	1	0	0	0	3	0	0	2	0	0	1	
3	1	0	2	0	0	2	0	0	2	0	1	1	1	
4	0	0	3	0	2	0	0	1	0	1	0	1	1	
5	4	0	0	2	3	0	0	3	0	0	3	0	1	
6	0	0	3	0	3	0	2	0	3	0	0	2	1	
7	0	0	0	0	3	0	0	0	0	0	0	5	1	
8	0	0	2	2	0	0	2	0	0	0	0	0	1	
9	0	2	3	0	2	3	2	2	0	0	2	0	1	
10	0	2	0	2	0	0	0	0	0	1	0	5	1	
11	0	0	0	2	0	2	3	0	2	0	0	0	1	
12	3	0	0	0	2	3	0	0	2	0	0	0	1	
13	0	0	0	0	0	0	2	0	2	0	0	3	1	
14	0	2	0	3	0	0	0	0	2	2	0	0	1	
15	0	0	0	0	0	0	3	0	0	0	0	0	0	
16	2	0	0	3	0	0	0	0	0	0	2	0	1	
17	3	0	0	2	0	0	3	0	0	0	2	0	1	
18	0	2	0	0	0	****	0	0	3	0	0	0	0	
19	2	0	0	3	0	0	0	0	0	3	0	0	0	
20	0	0	0	0	2	0	0	0	0	0	0	0	0	
21	0	0	0	2	0	0	2	2	0	0	2	0	1	
22	0	2	0	2	0	0	0	0	3	0	0	0	1	
23	2	0	0	1	0	4	0	0	0	0	0	0	1	
24	2	1	0	3	2	0	0	5	0	0	0	0	1	
25	0	1	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	2	0	0	
27	3	0	0	2	0	0	0	3	0	0	0	0	1	
28	3	0	0	0	2	1	0	0	2	0	0	0	1	
29	0	0	0	0	0	1	0	0	0	0	0	0	0	
30	0	2	0	0	0	2	0	0	3	0	0	2	1	
MEAN	1	1	0	1	1	1	1	1	1	0	1	1	0.7	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	0	2	0	0	2	1	
2	0	3	0	0	0	2	***	0	2	0	1	2	1	
3	0	0	2	0	6	0	0	2	3	0	1	2	1	
4	2	0	0	1	0	0	2	1	2	0	5	0	1	
5	2	0	0	0	0	0	0	1	0	1	0	0	0	
6	2	0	0	2	0	0	2	0	1	0	3	0	1	
7	0	0	0	0	0	3	2	1	0	0	2	3	1	
8	2	0	2	2	0	0	2	2	2	0	0	2	1	
9	1	0	1	0	0	2	1	0	0	0	2	0	1	
10	0	0	0	0	0	0	1	2	0	2	0	0	0	
11	2	0	0	1	0	0	2	0	0	0	3	0	1	
12	2	0	0	0	0	0	0	2	1	0	1	0	1	
13	0	2	0	3	0	0	0	0	0	2	2	1	1	
14	0	0	1	0	4	0	2	0	0	0	0	0	1	
15	1	0	2	1	0	0	2	0	1	2	2	2	1	
16	2	0	1	0	0	2	0	0	3	2	0	1	1	
17	0	2	0	1	1	0	1	0	0	0	0	2	1	
18	1	0	1	0	2	1	0	1	2	2	1	0	1	
19	1	0	2	2	0	4	0	0	0	0	2	0	1	
20	0	2	2	0	0	0	0	3	2	0	0	0	1	
21	2	0	2	0	2	0	0	0	0	0	1	0	1	
22	0	2	0	0	2	0	1	1	0	0	1	0	1	
23	2	2	0	2	0	1	0	2	1	2	0	0	1	
24	0	0	0	0	1	0	2	0	0	2	0	1	1	
25	0	1	2	0	0	1	0	3	0	1	0	1	1	
26	0	2	0	0	2	0	0	0	0	2	1	1	1	
27	0	1	0	0	0	2	7	3	2	7	2	2	2	
28	2	3	3	7	3	2	0	2	2	1	2	3	3	
29	0	0	1	0	2	0	1	2	1	2	6	0	1	
30	2	2	3	13	5	1	2	3	5	10	21	7	6	
31	4	5	6	8	5	8	6	4	6	2	2	0	5	
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	2	3	3	2	0	1	3	8	5	5	3	
2	5	5	2	5	4	3	8	2	7	11	8	11	6	
3	11	12	8	18	15	8	9	6	2	11	7	7	10	
4	10	4	13	10	10	8	12	6	15	14	13	9	10	
5	12	11	8	12	11	9	6	7	6	4	8	3	8	
6	5	6	5	9	8	4	3	3	3	0	2	2	4	
7	1	2	0	6	2	1	0	2	2	5	3	4	5	
8	2	2	2	12	11	9	4	2	2	3	2	4	4	
9	5	3	7	3	4	0	2	1	6	6	4	6	4	
10	8	5	9	9	16	10	2	7	2	2	4	9	7	
11	7	4	9	8	10	9	5	6	9	4	1	2	6	
12	0	0	1	3	2	1	1	2	0	2	2	2	2	
13	2	1	2	2	2	1	4	2	4	6	8	7	3	
14	5	7	7	2	4	2	0	0	2	3	0	1	3	
15	0	0	0	0	0	0	1	0	2	5	4	4	1	
16	2	2	4	2	2	3	1	3	1	0	0	1	2	
17	0	0	0	1	1	2	2	0	0	1	3	0	1	
18	0	0	2	0	0	0	2	1	2	0	2	1	1	
19	2	0	2	1	0	1	1	1	0	1	4	1	1	
20	0	0	1	0	0	0	5	0	3	6	1	3	2	
21	0	2	1	3	2	0	2	0	0	0	0	0	1	
22	2	0	0	0	2	0	3	5	3	1	2	4	2	
23	2	1	2	2	0	1	0	1	0	0	2	0	1	
24	2	1	2	2	1	0	0	0	2	0	2	2	1	
25	2	0	0	2	0	0	2	0	0	4	2	0	1	
26	0	2	1	0	0	0	***	0	0	5	2	2	1	
27	0	0	1	0	2	3	2	2	3	0	2	4	2	
28	0	4	2	5	5	1	2	6	2	2	4	2	2	
29	0	3	0	2	1	0	2	1	2	0	2	2	1	
30	3	0	2	0	1	0	2	1	2	0	2	2	1	
MEAN	3	3	3	4	4	3	3	2	3	3	3	3	3.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	1	2	2	3	2	7	7	2	3	2	3	
2	0	0	1	0	5	0	2	0	3	0	3	3	1	
3	0	0	0	2	0	0	1	3	2	1	0	4	2	
4	2	5	0	1	2	2	0	3	0	1	0	2	1	
5	0	0	1	1	1	0	0	2	0	3	2	2	2	
6	0	2	5	3	3	1	2	2	4	2	2	2	2	
7	2	4	2	2	5	0	0	1	2	3	2	2	3	
8	4	4	5	3	3	3	5	0	0	4	2	2	1	
9	2	0	2	0	0	2	1	2	0	1	1	2	1	
10	0	0	0	1	2	1	0	0	0	1	1	2	1	
11	2	4	3	2	5	1	4	2	4	9	4	2	4	
12	2	5	2	2	2	2	1	2	1	3	3	6	3	
13	2	1	3	2	2	2	0	3	1	4	0	0	2	
14	0	1	1	2	1	0	0	1	3	0	2	2	1	
15	2	2	2	4	3	1	4	3	2	2	2	3	2	
16	2	2	2	4	3	5	5	3	4	8	2	4	1	
17	1	0	0	2	0	0	0	0	1	2	0	1	1	
18	0	1	4	2	0	0	3	2	2	1	2	4	2	
19	3	4	0	1	2	0	2	2	2	2	3	2	1	
20	3	1	1	0	0	2	2	0	2	2	2	2	1	
21	0	0	0	0	1	1	0	1	2	0	1	0	1	
22	2	2	2	3	1	2	5	0	2	2	2	0	2	
23	1	0	0	1	0	2	2	2	3	9	11	11	4	
24	5	5	1	3	2	3	2	3	5	2	2	0	3	
25	0	3	2	1	0	2	0	2	3	0	2	0	1	
26	0	0	0	0	0	2	2	0	1	2	2	0	1	
27	1	3	2	2	3	3	3	0	3	3	3	0	2	
28	0	2	0	1	1	5	3	0	0	2	0	2	1	
29	2	1	0	2	3	2	0	0	3	6	11	11	3	
30	0	2	1	2	1	2	0	0	3	6	11	11	3	
31	15	9	6	4	6	2	5	3	3	3	2	2	5	
MEAN	2	2	2	2	2	2	2	2	2	3	2	2	2.0	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	8	19
FEB	28	2.8	6	13
MAR	29	2.1	5	18
APR	30	1.0	2	7
MAY	31	2.3	5	10
JUN	30	2.5	6	13
JUL	22	1.2	3	13
AUG	31	0.9	2	14
SEP	30	0.7	1	5
OCT	31	1.2	6	21
NOV	30	3.1	10	18
DEC	31	2.0	5	15
YEAR	354	1.9	10	21

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	289	69	10	2	0	0	0	370
FEB	260	73	3	0	0	0	0	336
MAR	316	42	1	1	0	0	0	360
APR	347	12	0	0	0	0	0	359
MAY	310	61	0	0	0	0	0	371
JUN	287	69	3	0	0	0	0	359
JUL	256	16	1	0	0	0	0	273
AUG	370	0	1	0	0	0	0	371
SEP	355	3	0	0	0	0	0	358
OCT	352	17	1	0	1	0	0	371
NOV	270	70	17	2	0	0	0	359
DEC	341	26	5	0	0	0	0	372
YEAR	3753	458	42	5	1	0	0	4259

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.2	0	0.0	0.0	1.1	1.9	4.3	6.1	8.4	10.3	21	1.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	2	0	6	2	2	2	0	3	1	2	0	2	
2	7	3	6	8	12	15	10	13	13	12	0	8	9	
3	0	2	2	2	2	0	3	4	0	2	0	3	2	
4	1	2	1	0	0	0	5	2	2	2	2	0	6	
5	2	0	4	14	7	6	10	7	7	4	7	3	4	
6	2	6	5	6	0	2	5	4	4	3	5	6	3	
7	2	0	7	3	4	***	2	4	2	5	3	3	6	
8	5	7	9	10	9	7	4	4	6	6	8	2	5	
9	2	0	3	9	7	5	5	9	7	0	3	1	1	
10	0	3	3	2	0	2	3	0	0	0	0	0	3	
11	4	0	4	3	2	7	2	2	2	3	2	3	3	
12	2	6	3	5	7	3	4	7	4	2	7	7	5	
13	3	1	9	11	3	8	11	4	7	12	9	11	7	
14	4	1	5	5	5	5	7	11	7	9	7	10	6	
15	4	0	14	16	6	15	3	3	7	3	7	9	7	
16	2	3	6	3	5	2	4	2	1	2	2	1	3	
17	2	0	5	2	4	3	6	2	4	4	3	3	3	
18	5	5	3	5	2	2	3	5	0	0	1	2	5	
19	0	3	4	13	6	3	7	11	2	9	2	1	6	
20	6	0	2	21	8	2	8	3	9	5	7	4	3	
21	5	2	2	0	7	2	12	5	4	0	2	0	7	
22	2	0	4	12	12	14	4	4	12	11	2	11	4	
23	1	1	4	5	6	12	3	5	5	3	0	5	2	
24	0	0	2	3	3	4	0	1	3	0	3	1	2	
25	2	2	2	2	3	3	0	2	2	4	7	2	4	
26	2	1	4	3	8	6	7	7	2	11	5	20	7	
27	6	5	4	4	7	7	9	3	10	4	18	10	7	
28	2	1	3	9	7	9	5	9	6	5	0	2	7	
29	4	8	6	17	3	5	4	5	2	8	2	2	3	
30	3	0	2	0	3	5	4	5	2	8	2	2	4.5	
MEAN	3	2	4	7	5	5	5	5	5	5	4	5		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	0	3	0	0	3	2	0	1	2	2	2	
2	1	0	2	3	0	2	3	2	2	0	1	2	2	
3	3	0	3	1	0	4	0	5	2	2	0	1	2	
4	2	3	2	2	2	2	0	2	0	7	9	5	3	
5	5	0	5	11	2	6	3	4	5	7	11	7	5	
6	5	2	7	12	7	4	3	4	12	27	9	3	8	
7	12	2	7	5	5	7	3	0	5	5	4	3	5	
8	2	7	0	0	5	3	3	0	5	0	2	4	2	
9	3	0	0	0	0	2	2	0	3	0	3	7	2	
10	0	3	13	7	9	4	13	7	13	7	9	15	8	
11	3	7	3	0	2	5	3	9	3	7	3	7	4	
12	7	0	7	5	7	2	2	0	2	2	5	9	4	
13	3	3	5	5	2	4	2	1	5	2	9	7	4	
14	3	2	2	3	5	0	0	0	4	0	3	2	2	
15	2	2	2	2	5	2	2	0	3	6	0	0	2	
16	2	0	0	2	0	2	0	2	0	0	0	0	1	
17	2	0	3	0	3	0	2	2	3	9	7	0	3	
18	3	0	7	5	3	5	***	***	-	-	-	-	*****	
19							- DATA UNAVAILABLE -	-	-	-	-	-		
20							- DATA UNAVAILABLE -	-	-	-	-	-		
21							- DATA UNAVAILABLE -	-	-	-	-	-		
22							- DATA UNAVAILABLE -	-	-	-	-	-		
23							- DATA UNAVAILABLE -	-	-	-	-	-		
24							- DATA UNAVAILABLE -	-	-	-	-	-		
25							- DATA UNAVAILABLE -	-	-	-	-	-		
26							- DATA UNAVAILABLE -	-	-	-	-	-		
27							- DATA UNAVAILABLE -	-	-	-	-	-		
28							- DATA UNAVAILABLE -	-	-	-	-	-		
29							- DATA UNAVAILABLE -	-	-	-	-	-		
30							- DATA UNAVAILABLE -	-	-	-	-	-		
31							- DATA UNAVAILABLE -	-	-	-	-	-		
MEAN	3	2	3	4	3	3	3	2	4	5	5	4	3.4	

PERCENTAGE OF DATA VALID - 56.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 43.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA												MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11	-	-	-	-	-	-	0	0	11	9	4	4	*****
12	0	1	0	2	0	1	3	0	4	0	10	2	2
13	4	2	2	4	2	4	2	7	4	2	13	6	4
14	3	7	2	5	6	6	2	2	2	5	5	3	4
15	2	6	8	5	6	5	1	1	0	7	0	7	4
16	0	2	6	2	2	9	2	0	5	8	10	3	4
17	0	1	4	4	2	11	***	6	8	9	3	3	5
18	5	4	1	5	2	2	0	1	4	2	0	0	2
19	2	2	3	5	2	4	5	0	0	1	3	2	2
20	0	3	2	4	0	7	0	2	2	0	3	3	2
21	1	0	2	1	0	2	0	2	3	6	4	10	3
22	0	2	7	6	2	0	5	0	3	5	7	9	3
23	7	2	9	6	0	6	2	6	4	0	4	1	4
24	9	2	9	7	5	5	2	3	2	0	0	0	4
25	0	2	3	5	0	3	0	3	0	5	2	5	2
26	0	0	1	0	2	3	0	0	1	5	0	3	1
27	2	5	2	2	2	0	5	0	5	2	2	0	2
28	3	0	2	5	3	0	2	5	3	6	12	13	5
29	13	2	7	3	3	0	3	9	17	19	7	17	8
30	5	5	8	6	5	4	3	0	3	9	3	0	4
31	3	0	3	2	1	2	1	3	2	2	2	2	2
MEAN	3	2	4	4	2	4	2	2	4	5	4	4	3.4

PERCENTAGE OF DATA VALID - 65.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 33.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA												MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	4	4	0	2	1	3	3	3	2	3
2	2	5	5	5	1	2	0	3	1	4	2	3	3
3	0	3	0	5	0	4	0	5	0	2	0	2	2
4	2	1	0	2	0	2	2	0	2	2	2	11	2
5	2	9	5	4	4	3	3	0	2	2	7	5	4
6	2	8	8	5	9	3	5	9	7	5	10	6	6
7	10	5	2	5	0	2	2	1	2	2	0	2	3
8	0	0	3	2	2	0	0	0	5	7	8	3	2
9	0	2	3	2	2	0	0	0	2	2	2	1	1
10	0	0	0	0	0	0	0	3	2	2	2	2	1
11	0	1	3	5	4	7	6	7	2	4	2	7	4
12	2	3	1	2	2	0	1	2	0	1	2	0	1
13	0	2	0	1	2	0	3	0	2	5	0	2	1
14	0	2	0	5	3	2	5	2	5	2	2	4	3
15	6	2	12	9	5	7	9	12	4	3	4	2	6
16	1	2	3	2	3	3	2	4	3	0	5	1	2
17	2	0	1	4	0	2	0	2	3	3	4	2	2
18	0	2	0	4	1	0	2	0	0	0	5	0	1
19	3	1	2	3	2	2	1	3	4	3	7	4	3
20	3	2	3	3	0	2	1	5	0	5	1	7	3
21	7	4	3	12	6	3	9	4	6	5	2	1	5
22	3	0	0	2	2	0	2	2	1	3	5	1	2
23	2	2	0	4	4	2	1	1	2	1	6	2	2
24	5	1	2	2	2	2	0	5	2	3	4	3	3
25	7	6	7	0	2	2	0	3	0	2	3	0	3
26	0	0	0	1	1	***	2	1	5	1	3	2	2
27	3	5	4	3	2	2	5	5	3	7	4	3	4
28	2	2	1	2	0	0	0	4	3	12	0	2	2
29	0	3	3	1	2	1	5	2	0	2	2	0	2
30	3	1	0	3	2	2	3	2	3	3	3	0	2
MEAN	2	3	2	3	2	2	2	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	3	0	0	0	0	0	0	0	1	0	1	
2	3	0	2	0	0	2	2	3	0	3	2	5	2	
3	0	2	2	3	0	5	0	0	0	2	0	3	2	
4	2	3	9	0	0	2	0	0	0	0	5	0	3	
5	8	3	2	3	0	2	3	3	5	7	3	6	3	
6	0	2	3	2	4	4	0	0	0	3	0	1	1	
7	3	0	2	2	3	3	0	2	0	2	0	5	2	
8	1	1	0	3	3	2	0	3	0	4	0	5	4	
9	3	0	1	3	6	7	3	5	5	3	4	3		
10	2	2	2	5	6	7	3	5	5	3	4	3		
11	3	2	0	4	5	1	0	3	5	5	5	0	3	
12	5	2	2	3	2	3	1	2	3	4	5	3	3	
13	5	7	7	3	0	0	2	0	2	0	0	2	2	
14	0	0	0	0	3	0	2	0	2	2	2	1	1	
15	2	0	0	0	2	0	0	0	2	5	3	2	2	
16	0	0	2	2	0	0	0	0	0	7	2	2	2	
17	0	2	0	2	0	2	0	2	3	6	6	3	*****	
18	****	****	****	****	****	****	****	4	2	0	1	2	3	
19	3	3	2	5	5	1	7	2	0	6	1	3	2	
20	0	0	3	3	3	2	1	2	0	6	1	3		
21	2	8	3	15	3	2	2	6	4	0	2	3	4	
22	6	2	2	3	2	6	2	3	2	2	2	11	4	
23	5	5	1	1	0	0	0	0	4	3	0	0	2	
24	2	0	2	7	0	0	0	0	2	1	3	0	2	
25	3	3	2	2	6	1	1	9	2	4	3	2	3	
26	2	0	4	1	0	0	6	3	2	2	6	3	1	
27	6	3	5	4	3	2	1	3	3	3	3	2	2	
28	3	2	2	2	3	1	0	2	0	2	3	2	1	
29	2	0	0	0	0	2	0	1	1	3	3	6	2	
30	0	0	2	0	0	0	2	2	3	7	6	6		
31	6	3	3	11	13	5	5	6	1	1	2	2	5	
MEAN	3	2	2	3	2	2	1	2	2	3	3	3	2.3	

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	2	2	0	0	2	2	5	11	5	3	
2	3	5	3	6	5	3	3	3	8	6	7	7	5	
3	5	5	3	5	1	2	3	1	5	3	3	2	3	
4	3	2	4	7	3	8	3	3	7	13	8	15	6	
5	6	6	5	2	5	6	4	4	4	2	2	3	4	
6	3	2	5	5	7	3	0	2	0	2	1	2	2	
7	3	3	2	3	0	0	0	2	2	2	2	3	3	
8	0	1	2	9	9	7	0	6	3	5	5	7	4	
9	0	3	2	2	2	2	3	3	2	1	0	0	2	
10	2	5	3	3	2	2	2	3	2	1	0	1	3	
11	5	3	3	3	5	9	3	3	2	1	0	1	1	
12	2	0	2	0	0	2	1	2	1	3	2	0	2	
13	0	2	3	2	1	2	2	1	2	7	2	2	3	
14	3	0	3	5	0	3	4	2	6	2	3	14	4	
15	2	3	0	2	5	4	3	5	5	2	4	5	3	
16	8	2	1	6	2	2	2	0	0	1	7	3	2	
17	0	0	0	3	2	3	1	0	2	5	4	2	3	
18	3	3	0	3	3	3	3	2	0	3	0	5	2	
19	2	2	2	3	2	0	2	2	3	0	3	2	2	
20	0	3	0	1	3	3	2	2	3	0	3	4		
21	2	0	2	1	5	2	1	1	2	2	0	1	2	
22	2	1	1	4	2	2	3	2	0	2	1	3	2	
23	0	3	2	3	2	1	3	3	4	2	2	7	3	
24	5	6	2	5	4	5	5	7	3	6	2	2	4	
25	4	0	0	2	0	3	2	0	0	0	2	2	1	
26	0	2	3	0	0	2	0	0	3	0	3	2	2	
27	3	2	0	4	2	0	3	0	3	0	3	2	4	
28	3	3	3	6	4	3	4	3	8	5	2	2	2	
29	3	5	3	2	4	0	2	1	2	2	4	3	2	
30	4	0	3	3	3	8	5	6	5	3	4	3	4	
MEAN	3	2	2	3	3	3	2	2	3	3	3	4	2.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST. OSHAWA													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	6	3	3	5	3	4	5	4	7	2	4	
2	0	2	2	3	2	4	0	3	3	3	3	1	2	
3	0	2	2	1	3	2	3	0	5	2	1	0	2	
4	2	8	6	3	10	2	5	2	2	5	2	3	4	
5	6	2	2	7	1	6	5	2	9	3	0	7	4	
6	5	5	1	3	5	5	3	2	6	3	2	7	5	
7	2	8	1	3	5	3	2	1	2	1	3	2	3	
8	2	2	6	8	5	7	3	2	1	2	2	0	3	
9	1	1	2	1	2	2	2	1	0	3	1	3	2	
10	0	3	2	2	4	3	4	0	3	2	2	2	2	
11	4	2	3	5	8	4	6	7	6	4	5	9	5	
12	0	6	5	5	2	4	1	4	2	4	2	2	3	
13	5	2	3	2	3	4	3	2	4	2	2	5	3	
14	7	6	4	6	2	2	4	5	2	2	4	3	4	
15	5	4	2	2	5	5	5	2	4	8	2	6	4	
16	2	3	2	4	9	2	2	2	6	3	2	3	3	
17	5	1	2	2	1	0	2	2	1	2	0	3	2	
18	4	2	3	6	5	4	3	1	2	3	3	5	3	
19	5	6	3	3	3	2	5	7	4	2	3	0	4	
20	0	4	2	0	2	3	3	0	1	4	2	0	2	
21	2	5	2	8	11	9	7	4	7	5	5	5	6	
22	4	2	3	2	7	3	3	2	4	3	3	3	3	
23	0	3	2	0	3	2	1	2	1	3	11	6	3	
24	7	0	6	0	3	2	2	3	3	0	2	2	3	
25	2	0	0	0	2	2	3	3	0	3	1	1	1	
26	1	2	0	0	2	0	2	2	3	3	0	1	2	
27	2	1	2	0	5	3	0	3	0	7	0	1	2	
28	1	2	2	2	2	3	1	2	0	6	2	5	2	
29	0	2	2	4	0	0	0	2	2	3	2	0	1	
30	2	0	4	0	3	4	2	2	1	4	3	2	2	
31	5	4	4	8	2	3	7	5	5	2	3	2	4	
MEAN	3	3	3	3	4	3	3	3	3	3	3	3	3.0	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COHS/1000 FT	
STATION - NO 45024 206 EULALIE ST, OSHAWA						
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING		
JAN		DATA UNAVAILABLE				
FEB		DATA UNAVAILABLE				
MAR		DATA UNAVAILABLE				
APR		DATA UNAVAILABLE				
MAY		DATA UNAVAILABLE				
JUN	30	4.5	9	21		
JUL	17	3.4	8	27		
AUG	20	3.4	8	19		
SEP	30	2.6	6	12		
OCT	30	2.3	5	15		
NOV	30	2.8	6	15		
DEC	31	3.0	6	11		
YEAR	188	3.1	9	27		

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NO 45024 206 EULALIE ST. OSHAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN								
FEB								
MAR								
APR								
MAY								
JUN	216	114	24	4	1	0	0	359
JUL	148	52	9	0	1	0	0	210
AUG	170	66	6	3	0	0	0	245
SEP	291	63	5	0	0	0	0	359
OCT	305	55	4	0	0	0	0	364
NOV	288	68	4	0	0	0	0	360
DEC	286	84	2	0	0	0	0	372
YEAR	1704	502	54	7	2	0	0	2269

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.4	0	0.0	1.2	2.0	3.2	6.3	8.2	11.0	12.6	27	3.1

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH - JAN 78

STATION	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
HOUR DAY													
1	0	7	8	0	0	0	0	0	2	3	0	2	2
2	0	0	7	3	3	0	2	0	4	3	3	0	2
3	2	3	0	3	0	5	0	3	0	3	5	2	2
4	0	0	0	5	2	3	0	5	7	0	3	7	3
5	2	7	0	7	0	0	0	****	7	0	0	0	1
6	2	0	0	7	0	4	7	5	4	7	2	0	4
7	3	0	2	0	7	2	0	7	0	2	0	0	2
8	7	0	0	2	9	2	0	7	0	2	0	1	2
9	7	2	5	0	0	4	0	3	0	5	0	0	2
10	0	3	0	3	12	0	0	0	0	0	5	0	
11	5	0	0	9	2	2			****	****	****	****	*****
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25	****	****	****	****	5	9	2	7	12	3	5	0	5
26	2	2	3	2	2	4	2	5	0	0	3	0	2
27	7	3	0	2	0	0	2	2	0	0	3	0	2
28	2	0	0	3	0	0	0	0	3	2	0	3	1
29	2	0	3	0	2	2	0	2	2	0	2	2	1
30	2	1	3	1	2	0	1	2	0	2	3	1	2
31	3	5	5	2	3	5	2	3	2	0	0	0	3
MEAN	3	2	2	2	3	2	1	3	3	2	2	1	2.2

PERCENTAGE OF DATA VALID - 55.1

PERCENTAGE OF DATA INVALID - 44.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - FEB 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	9	2	7	2	3	0	3	7	7	0	4
2	5	4	7	2	2	7	3	3	3	1	2	0	3
3	3	3	12	2	***	0	2	0	2	3	0	4	3
4	1	1	0	3	3	1	1	3	1	3	2	2	2
5	4	2	0	2	6	0	2	0	3	2	4	2	2
6	0	2	0	1	2	4	0	1	0	0	1	2	1
7	0	0	0	2	2	3	4	0	2	2	0	1	1
8	0	2	2	2	4	1	0	0	5	0	0	6	2
9	0	0	3	4	3	1	4	0	2	2	2	2	2
10	0	4	2	3	2	1	0	3	0	2	2	2	2
11	0	3	1	2	0	2	2	2	0	0	0	3	1
12	0	0	2	2	0	2	1	3	0	0	3	0	1
13	0	4	2	1	2	3	0	2	2	1	6	2	2
14	1	0	0	4	2	1	2	2	5	2	1	2	2
15	1	0	3	3	0	1	2	4	1	3	5	6	2
16	8	1	3	6	2	2	1	2	2	4	3	3	3
17	3	0	4	2	***	***	0	3	2	2	4	2	2
18	2	2	5	2	2	4	2	2	2	5	1	2	3
19	0	2	0	1	0	6	1	0	0	3	0	2	1
20	1	4	3	10	4	0	5	0	4	2	2	6	3
21	2	4	2	4	4	2	1	4	0	2	0	0	2
22	0	0	0	2	2	2	2	0	3	0	0	0	1
23	0	0	0	7	3	4	0	0	0	2	5	2	2
24	3	1	2	0	2	2	2	2	4	2	2	2	2
25	4	2	3	2	5	2	3	0	2	4	2	0	2
26	1	0	1	0	2	1	2	1	2	2	0	2	1
27	0	2	2	4	1	0	0	3	3	0	1	0	1
28	0	6	2	2	4	0	***	2	7	5	6	5	4
MEAN	2	2	3	3	3	2	2	1	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - MAR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	5	2	9	2	0	0	5	3	5	2	0	3
2	4	0	2	4	2	0	3	0	9	0	5	2	3
3	0	8	4	5	2	3	2	1	0	5	3	3	3
4	2	5	2	2	3	2	0	2	2	0	3	3	2
5	3	0	3	3	0	3	0	0	5	2	2	5	2
6	3	2	9	5	0	2	2	2	0	8	2	0	3
7	3	0	3	3	0	2	0	2	0	2	0	2	1
8	0	5	3	11	0	3	0	1	3	7	7	0	3
9	4	2	5	7	2	2	1	0	0	0	7	4	3
10	3	3	5	7	3	9	2	3	15	7	4	3	5
11	3	6	9	7	6	7	9	5	3	11	9	11	7
12	3	5	7	3	5	4	2	2	5	5	4	5	4
13	2	8	11	15	3	9	1	3	6	5	5	6	6
14	2	7	4	3	4	2	3	6	3	7	0	1	4
15	0	0	2	0	3	2	2	9	2	0	2	2	2
16	0	5	3	5	0	2	3	3	3	0	2	2	2
17	2	2	2	2	0	2	0	2	2	0	2	0	2
18	0	0	0	2	3	2	8	0	0	2	2	2	2
19	0	5	2	0	0	0	0	1	2	0	0	0	1
20	2	2	8	2	2	3	2	2	0	2	2	5	3
21	6	5	5	12	13	2	5	4	0	2	0	2	5
22	0	2	0	3	3	3	0	7	5	0	0	0	2
23	3	2	3	3	3	0	0	3	0	3	0	0	2
24	0	0	0	0	0	4	2	2	0	4	0	7	2
25	3	3	3	0	2	2	2	0	0	3	0	3	2
26	0	1	3	0	2	3	3	3	2	5	2	5	2
27	0	0	0	3	5	0	5	2	3	2	0	2	2
28	0	0	2	0	3	0	9	4	9	7	5	4	4
29	7	3	0	2	3	0	2	0	7	2	0	2	2
30	0	7	4	3	0	0	2	3	4	0	3	2	2
31	3	3	5	9	3	2	2	7	0	4	0	2	3
MEAN	2	3	4	4	2	2	2	3	3	3	2	3	2.9

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	4	4	6	0	6	5	5	6	0	0	2	3	3
2	2	3	0	0	0	0	0	0	2	1	0	3	1	1
3	0	0	0	2	0	7	3	0	2	6	0	3	2	2
4	7	11	6	5	5	3	5	3	6	5	5	5	5	5
5	0	2	0	2	0	2	0	0	0	0	7	2	3	2
6	9	5	5	7	1	0	2	0	5	0	5	0	2	2
7	5	3	2	2	3	5	0	2	0	1	0	1	1	1
8	0	0	5	0	1	0	3	3	2	0	0	0	4	4
9	0	5	5	0	1	0	8	0	9	11	0	2	4	3
10	2	3	0	0	7	2	3	3	5	0	2	4	3	3
11	2	2	0	5	0	5	0	6	2	0	3	0	2	2
12	5	7	0	2	1	0	5	0	3	0	10	4	3	3
13	4	0	0	2	3	0	1	0	0	5	0	0	1	1
14	3	0	0	2	3	0	0	7	7	1	3	0	2	2
15	2	0	3	2	1	1	5	4	1	2	2	2	2	2
16	5	2	5	2	5	0	0	2	2	0	0	1	2	2
17	3	6	5	2	3	3	0	3	5	3	5	0	3	3
18	0	3	2	4	2	3	3	3	2	0	6	2	3	3
19	2	6	1	2	0	2	0	0	2	7	1	2	2	2
20	2	2	3	5	8	4	0	2	0	0	0	2	2	2
21	0	0	0	2	0	2	0	3	7	6	7	1	2	2
22	2	0	3	2	5	0	5	0	0	0	3	2	2	2
23	5	4	2	2	7	4	0	2	5	4	7	7	4	4
24	2	8	1	3	3	6	5	3	0	5	5	2	3	3
25	4	1	6	0	4	3	2	0	3	13	3	1	3	3
26	0	9	2	2	2	0	0	2	0	7	0	5	3	3
27	2	0	0	8	2	2	2	2	1	5	6	1	3	3
28	13	0	5	0	2	0	2	0	0	0	0	2	3	3
29	3	3	2	0	13	7	0	3	3	0	0	0	0	0
30	0	0	0	0	0	0	0	0	3	2	0	0	0	0
MEAN	3	3	2	2	3	2	2	2	3	3	3	2	2.5	2.5

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	11	0	2	2	2	0	0	0	1	1
2	2	0	10	2	0	0	2	3	2	0	0	2	2	2
3	0	0	3	0	2	5	2	0	4	2	2	3	4	4
4	5	3	7	5	5	3	8	0	0	4	5	0	3	3
5	3	1	7	7	3	2	5	7	2	3	7	0	3	3
6	2	0	3	2	7	0	2	2	2	2	0	2	1	1
7	0	3	2	0	0	5	0	7	0	2	2	0	2	2
8	3	0	6	2	0	2	2	3	0	0	0	0	3	3
9	2	2	9	11	2	2	0	0	0	0	0	3	1	1
10	2	0	2	0	...	0	0	0	0	0	0	0	0	0
11	3	5	12	3	2	2	3	3	2	3	3	0	3	3
12	0	3	2	5	0	3	2	3	5	2	3	0	2	2
13	3	2	0	2	2	4	2	0	0	0	2	0	1	1
14	0	0	0	2	3	0	2	0	3	3	4	5	2	2
15	2	2	0	5	2	0	2	2	1	0	7	0	2	2
16	2	2	0	0	2	3	0	0	3	2	0	2	1	1
17	0	0	0	3	2	0	0	4	0	5	7	7	3	3
18	0	4	0	4	7	3	3	2	2	4	4	3	3	3
19	3	2	4	7	2	3	5	2	1	0	3	2	3	3
20	2	3	2	7	2	3	5	2	0	0	0	0	0	0
21	3	0	2	0	0	2	2	3	0	2	3	0	1	1
22	3	0	0	0	2	3	2	2	0	5	2	2	2	2
23	0	0	2	7	0	0	3	2	0	2	2	7	5	5
24	5	5	12	5	12	2	2	2	3	3	2	4	3	3
25	5	2	3	5	0	2	2	5	0	4	4	9	3	3
26	0	2	2	3	5	0	2	0	3	7	3	3	4	4
27	3	7	7	3	2	3	5	4	7	5	2	5	4	4
28	3	5	5	3	7	7	3	4	2	2	2	0	4	4
29	2	3	2	5	7	9	3	2	2	3	2	7	4	4
30	9	2	4	7	0	...	5	3	2	3	2	0	0	0
31	2	2	3	2	3	0	2	2	0	0	2	0	2	2
MEAN	2	2	4	3	3	2	3	2	2	2	3	2	2.6	2.6

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT		
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA												MONTH - JUN 78		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	4	3	2	2	3	3	1	3	0	2	
2	0	2	3	7	0	3	0	1	0	0	0	0	1	
3	0	0	0	0	0	2	2	0	0	5	0	3	1	
4	0	0	0	0	4	0	0	3	0	2	3	0	1	
5	0	0	0	0	2	2	0	0	0	1	3	3	1	
6	0	2	2	3	2	7	0	0	0	3	0	4	2	
7	5	3	5	3	3	7	3	3	0	7	5	0	4	
8	3	3	5	7	0	2	0	0	0	0	0	3	2	
9	0	3	0	3	0	2	0	2	0	2	0	0	1	
10	2	2	0	2	0	5	0	0	1	2	2	3	2	
11	0	3	5	0	2	2	0	2	0	0	3	4	2	
12	0	0	2	5	0	3	3	0	0	2	0	0	1	
13	0	0	5	2	3	2	2	2	2	2	0	3	2	
14	0	3	5	2	2	2	2	0	3	2	2	0	2	
15	7	0	0	0	0	0	1	2	7	0	5	2	2	
16	2	5	9	2	0	3	0	5	0	0	0	3	3	
17	0	3	5	0	0	1	5	0	0	2	0	0	1	
18	3	0	0	0	2	0	0	0	0	2	2	2	1	
19	0	0	3	0	6	5	0	0	0	2	2	2	1	
20	0	2	3	0	8	2	2	0	1	3	6	1	2	
21	0	1	11	3	2	7	0	0	0	3	0	0	2	
22	0	2	0	0	2	0	0	0	0	2	2	0	1	
23	1	0	0	0	3	2	1	0	0	3	0	6	1	
24	0	2	0	0	0	3	0	0	0	0	3	2	1	
25	1	8	9	3	5	5	0	2	2	1	3	0	3	
26	2	2	5	0	3	3	0	2	0	2	0	3	2	
27	0	0	7	0	0	0	3	0	5	0	0	2	1	
28	0	2	0	0	2	0	0	0	0	0	3	2	1	
29	0	2	0	2	0	4	2	0	0	0	4	2	1	
30	0	5	2	0	2	2	0	2	0	0	2	1	1	
MEAN	1	2	3	2	2	3	1	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT		
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA												MONTH - JUL 78		
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	4	0	1	0	1	0	0	0	5	3	1	
2	0	2	2	3	0	0	0	0	0	0	0	0	1	
3	0	0	3	0	3	0	0	2	0	0	0	2	1	
4	0	3	0	0	1	0	0	0	0	0	1	0	0	
5	0	5	0	3	0	0	0	0	2	0	2	2	1	
6	4	3	2	2	0	1	0	3	0	3	0	0	2	
7	5	6	3	2	5	2	0	0	0	0	0	3	2	
8	4	2	0	2	1	0	0	0	0	0	2	2	1	
9	5	0	2	0	6	0	0	3	1	0	0	3	2	
10	0	5	0	0	0	2	0	2	2	0	2	2	1	
11	2	1	0	6	0	0	0	1	4	0	0	3	1	
12	0	0	3	2	3	2	0	2	0	3	3	3	2	
13	0	2	4	4	0	8	5	0	0	2	0	6	3	
14	6	0	4	0	3	3	3	3	0	0	6	0	2	
15	2	0	1	5	0	0	3	0	2	2	0	0	1	
16	1	1	5	3	0	0	0	0	0	2	0	3	1	
17	0	2	2	1	0	0	5	0	0	0	3	2	1	
18	2	0	2	3	0	2	3	0	2	0	0	6	2	
19	6	9	0	9	10	8	2	2	5	0	9	8	6	
20	5	3	2	2	7	0	1	2	4	7	0	10	4	
21	0	2	9	6	0	2	3	0	8	1	2	3	3	
22	2	5	8	2	3	6	0	3	1	0	0	6	3	
23	3	0	4	0	1	0	0	0	9	0	0	2	2	
24	0	0	1	9	0	4	1	0	0	0	5	1	3	
25	5	2	4	5	4	4	0	2	6	2	4	1	2	
26	0	2	6	0	2	0	2	0	1	3	0	2	2	
27	1	2	3	2	2	2	0	0	2	5	2	0	1	
28	0	6	0	0	0	3	0	2	2	0	0	1	2	
29	0	6	8	1	5	3	0	0	0	5	2	1	2	
30	2	5	0	0	2	4	1	0	0	0	0	0	0	
31	0	4	1	12	0	0	2	6	2	0	2	2	3	
MEAN	2	3	3	3	2	2	1	1	2	1	2	3	1.9	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	0	3	10	4	3	3	2	1	4	8	10	5	
2	8	2	6	1	8	2	0	3	2	5	2	3	4	
3	0	0	6	4	5	1	2	2	2	0	4	0	2	
4	0	0	0	6	7	0	0	1	1	2	0	2	1	
5	2	0	0	2	1	2	1	5	2	2	10	2	3	
6	9	0	7	0	3	2	1	2	6	7	7	7	4	
7	5	0	4	2	4	1	2	4	2	2	***	***	3	
8	***	***	***	***	***	***	2	0	3	3	0	3	***	
9	3	2	0	2	5	3	5	3	2	0	2	0	2	
10	2	0	2	0	2	5	0	2	0	2	3	3	2	
11	0	0	4	9	3	4	0	0	0	3	3	3	2	
12	5	0	9	2	0	4	3	3	2	0	3	3	3	
13	0	7	5	3	0	5	0	2	2	2	3	4	3	
14	3	3	3	3	2	5	3	4	2	0	5	5	4	
15	3	2	7	5	7	5	2	5	0	3	0	2	2	
16	0	5	5	0	3	5	3	2	0	2	3	3	2	
17	0	2	2	0	2	2	0	3	0	2	0	3	2	
18	0	0	3	5	3	0	5	0	0	2	2	0	2	
19	3	5	3	3	0	3	3	2	3	0	5	2	2	
20	0	2	3	2	0	0	2	0	0	0	0	0	0	
21	1	3	0	3	3	2	2	2	2	2	3	3	2	
22	2	5	10	5	6	4	7	3	6	7	3	9	6	
23	0	5	10	13	1	3	6	4	2	10	2	4	5	
24	5	8	5	5	5	8	7	2	2	0	2	2	4	
25	1	2	2	6	4	2	3	2	7	2	3	2	3	
26	2	2	1	3	1	2	2	0	2	2	3	1	2	
27	2	2	2	0	0	0	0	3	4	2	0	2	1	
28	0	4	2	2	2	2	5	2	4	2	4	0	2	
29	2	3	7	2	0	1	0	3	3	3	0	3	2	
30	3	2	5	5	0	0	0	2	0	2	3	3	2	
31	2	5	2	5	5	5	0	4	2	2	5	2	3	
MEAN	2	2	4	4	3	3	2	2	2	2	3	3	2.7	

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	5	7	2	0	2	3	0	2	3	2	2	
2	0	0	5	0	0	0	2	3	0	1	3	1	1	
3	2	0	5	2	3	0	2	0	0	3	0	0	1	
4	0	0	2	0	0	3	0	3	0	5	3	3	4	
5	3	3	3	5	3	3	2	0	9	5	0	5	3	
6	5	5	5	2	0	3	0	0	5	3	0	2	2	
7	0	0	5	3	0	0	3	2	5	2	4	5	2	
8	0	0	0	2	2	0	5	3	0	0	0	0	1	
9	3	2	2	2	0	2	2	0	5	2	4	5	3	
10	2	0	3	5	0	3	2	0	5	2	4	5	3	
11	1	3	12	5	0	5	3	7	4	4	0	2	4	
12	3	0	2	3	0	0	1	0	3	0	5	0	1	
13	2	0	2	0	3	0	2	0	0	2	0	0	1	
14	0	2	0	3	2	4	5	5	3	3	3	2	3	
15	0	3	0	3	2	5	3	2	2	5	0	0	2	
16	5	2	0	0	0	0	0	2	2	0	0	0	1	
17	2	1	0	2	0	3	2	2	0	2	3	0	2	
18	3	0	2	3	5	2	0	3	3	2	0	0	3	
19	0	3	5	3	5	0	0	2	2	3	2	3	3	
20	***	4	5	5	4	3	2	2	2	3	2	7	4	
21	12	7	9	9	5	2	3	0	2	2	3	1	5	
22	0	0	5	2	2	2	0	0	3	0	2	0	1	
23	0	3	2	0	2	2	0	3	7	5	3	5	3	
24	2	0	2	0	0	2	0	2	3	0	3	0	1	
25	0	3	2	5	2	2	0	0	0	0	4	3	2	
26	3	2	7	3	2	***	2	0	2	1	2	1	2	
27	1	0	2	3	2	1	2	0	3	0	1	0	1	
28	0	0	0	2	0	0	0	1	0	2	0	0	0	
29	0	0	3	9	4	1	0	0	0	2	2	0	2	
30	1	2	0	6	0	2	2	2	3	0	2	0	2	
MEAN	2	2	3	3	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	0	0	0	0	0	0	0	2	0	0	0
2	0	0	1	5	5	0	1	2	0	2	8	7	3	2
3	7	3	7	0	0	0	4	0	2	1	2	1	2	1
4	0	2	0	2	2	0	2	0	0	2	0	0	2	1
5	0	2	0	8	5	2	0	2	0	2	2	0	2	1
6	0	0	2	3	2	1	0	3	0	0	0	2	1	1
7	1	0	0	0	1	0	1	0	0	1	0	1	1	1
8	0	0	3	2	2	0	2	0	3	1	1	3	1	1
9	2	2	0	3	2	0	2	0	3	0	1	3	2	2
10	0	3	2	3	2	3	2	0	3	0	1	3	2	2
11	1	3	2	13	4	7	3	1	2	2	3	2	4	4
12	1	4	1	0	2	2	0	1	3	0	2	1	1	1
13	0	4	2	3	2	0	1	1	2	1	0	9	2	2
14	0	0	1	3	0	1	0	2	0	0	0	1	1	1
15	0	0	1	2	0	1	0	0	1	0	5	0	1	1
16	2	0	3	0	4	0	0	2	1	2	4	3	2	2
17	3	2	2	5	6	0	2	1	2	2	5	3	3	3
18	1	7	1	5	3	0	1	3	1	0	4	2	2	2
19	2	2	0	6	2	2	1	1	2	0	0	0	2	1
20	0	0	0	3	5	0	0	0	3	0	2	2	2	2
21	0	5	1	4	3	2	1	3	3	2	3	2	2	2
22	0	2	0	5	2	0	2	2	4	3	3	5	2	2
23	2	1	0	4	1	0	1	0	0	2	0	3	1	1
24	0	1	2	4	4	2	2	0	1	2	2	8	2	2
25	2	2	2	5	4	4	4	2	2	4	2	2	3	3
26	3	0	2	1	0	4	2	0	0	0	0	0	1	1
27	0	0	0	4	1	1	0	2	0	3	0	2	1	1
28	4	4	0	2	0	2	0	1	0	0	0	0	1	1
29	1	0	0	2	1	3	0	0	0	4	8	2	2	2
30	0	2	0	2	0	2	2	5	5	7	6	2	3	3
31	0	1	2	6	7	1	2	5	2	0	2	2	3	3
MEAN	1	2	1	3	2	1	1	1	1	1	2	2	1.7	1.7

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	2	7	0	2	2	2	7	3	2	3	3
2	2	2	2	2	2	****	2	6	5	2	5	10	4	4
3	5	6	12	22	9	6	4	5	2	5	9	3	7	7
4	5	7	11	9	6	13	9	10	8	6	7	7	8	8
5	6	8	7	7	7	5	5	4	2	3	5	5	5	5
6	5	3	4	6	6	4	4	6	0	0	2	3	4	4
7	2	0	0	3	2	0	3	3	0	1	5	0	2	2
8	2	2	3	8	2	3	3	3	1	2	0	2	3	3
9	0	3	3	2	2	3	6	5	2	3	3	11	4	4
10	3	5	10	11	5	5	5	4	6	2	3	5	5	5
11	6	4	6	6	2	3	2	4	5	0	3	0	3	3
12	3	0	2	3	0	0	0	2	1	3	0	3	1	1
13	0	0	5	5	6	2	3	0	3	7	5	3	3	3
14	8	1	1	0	5	0	3	0	5	0	2	2	2	2
15	2	0	3	6	0	3	3	5	2	3	6	3	3	3
16	6	3	3	6	0	3	2	3	2	2	0	2	3	3
17	2	3	2	0	1	2	2	1	2	2	0	0	1	1
18	1	1	3	0	1	0	0	1	1	2	2	2	2	2
19	3	2	3	0	0	0	3	2	3	0	4	0	2	2
20	0	0	3	3	2	0	1	5	1	3	0	2	2	2
21	1	2	4	6	5	3	2	3	0	3	2	0	3	3
22	0	1	0	2	1	0	2	0	5	0	0	2	1	1
23	0	2	1	2	5	6	3	4	5	0	2	2	3	3
24	3	2	5	1	1	2	3	7	0	2	2	1	2	2
25	0	0	0	2	2	4	3	3	8	2	0	0	2	2
26	2	0	2	2	1	2	0	3	5	2	3	3	2	2
27	1	4	0	4	0	2	2	3	2	4	3	2	3	3
28	0	2	5	9	3	2	4	3	3	4	4	2	4	4
29	3	2	7	11	7	1	4	3	0	2	0	5	1	1
30	2	0	2	2	0	****	2	0	0	2	0	5	1	1
MEAN	2	2	4	5	3	3	3	3	3	3	3	3	3.0	3.0

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - DEC 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	2	2	5	3	6	2	0	2	2
2	0	0	3	0	2	3	0	3	0	6	2	5	2
3	3	3	0	3	0	0	0	1	3	2	3	4	2
4	7	0	1	5	2	0	0	2	5	0	2	1	2
5	3	2	0	1	4	2	4	3	4	2	1	2	2
6	5	3	3	5	5	1	5	2	0	7	2	7	3
7	3	2	1	5	3	1	2	2	3	0	0	2	3
8	3	3	3	4	0	3	1	0	3	0	1	3	1
9	0	0	3	3	0	3	0	3	2	3	0	3	2
10	0	2	3	2	0	3	0	3	2	3	0	3	2
11	0	0	1	4	4	3	2	2	3	9	0	4	3
12	1	4	0	4	4	0	3	2	5	5	2	6	3
13	2	0	0	2	3	4	2	5	0	0	3	2	2
14	2	0	0	2	3	2	2	0	1	2	1	3	2
15	1	3	0	0	2	6	4	2	0	5	3	5	3
16	2	0	3	5	2	2	3	5	0	3	7	0	1
17	3	0	0	2	2	0	2	0	1	3	0	0	2
18	3	0	1	4	4	1	4	2	0	5	2	5	3
19	5	1	5	2	4	0	4	2	2	3	1	5	2
20	2	2	3	1	3	1	2	0	4	0	1	5	2
21	0	1	0	3	0	0	3	2	0	0	0	0	1
22	1	0	3	1	2	3	3	0	4	1	2	0	2
23	2	3	1	0	5	0	0	2	2	7	5	9	3
24	3	7	0	2	0	2	2	3	4	2	3	2	3
25	0	0	2	2	2	2	0	2	0	1	0	0	1
26	0	0	3	0	2	3	0	2	2	2	0	3	1
27	0	0	0	2	2	0	0	3	0	2	0	1	1
28	2	0	0	5	2	0	5	2	3	5	5	3	3
29	2	2	2	2	3	10	6	0	0	2	3	0	3
30	3	0	0	0	3	2	5	2	2	6	11	7	3
31	7	3	3	2	4	4	3	3	1	2	3	2	3
MEAN	2	2	1	2	3	2	2	2	2	3	2	3	2.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

 POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT  
 STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	2.2	5	12
FEB	28	2.1	4	12
MAR	31	2.9	7	15
APR	30	2.5	5	13
MAY	31	2.6	5	12
JUN	30	1.6	4	11
JUL	31	1.9	6	12
AUG	30	2.7	6	13
SEP	30	2.0	5	12
OCT	31	1.7	4	13
NOV	30	3.0	8	22
DEC	31	2.2	3	11
YEAR	350	2.3	8	22

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	168	35	2	0	0	0	0	205
FEB	301	30	1	0	0	0	0	332
MAR	287	77	8	0	0	0	0	372
APR	276	79	5	0	0	0	0	360
MAY	300	65	5	0	0	0	0	370
JUN	322	37	1	0	0	0	0	360
JUL	319	52	1	0	0	0	0	372
AUG	288	75	1	0	0	0	0	364
SEP	309	47	2	0	0	0	0	358
OCT	340	31	1	0	0	0	0	372
NOV	272	79	6	0	1	0	0	358
DEC	324	47	1	0	0	0	0	372
YEAR	3506	654	34	0	1	0	0	4195

## FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY	PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
	95.8	0	0.0	0.0	1.5	2.4	4.8	6.4	8.3	9.5	22	2.3

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	2	0	0	0	0	0	2	1	0	0
3	0	0	0	0	0	2	0	0	0	2	0	0	1
4	0	0	0	0	0	0	0	2	2	0	0	0	0
5	0	2	0	0	0	3	3	0	0	0	0	0	1
6	0	0	0	0	3	1	0	1	1	2	0	2	1
7	3	0	2	0	0	0	1	0	2	0	3	0	1
8	2	2	2	0	0	0	2	0	0	0	2	1	1
9	0	2	2	0	0	0	0	0	0	0	0	0	1
10	0	3	1	2	0	0	0	0	0	0	0	0	1
11	0	0	1	2	0	0	2	0	3	1	0	2	1
12	0	0	1	0	0	0	0	2	3	0	0	0	1
13	2	1	0	2	0	2	3	0	0	0	0	2	1
14	3	3	3	4	0	4	0	2	2	0	2	0	2
15	0	0	4	0	1	2	5	0	0	3	0	0	1
16	0	2	0	3	2	2	0	2	0	0	0	0	1
17	1	1	1	1	3	0	2	0	0	0	3	0	1
18	0	2	0	2	0	0	3	2	***	1	2	0	0
19	0	0	2	0	0	0	0	0	1	0	1	0	1
20	0	0	0	2	2	0	2	0	2	2	1	4	1
21	0	0	0	1	2	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	3	2	0	0	0	0
23	0	0	0	0	3	0	0	0	0	3	3	0	1
24	0	0	0	3	0	0	3	0	0	2	0	0	1
25	0	1	1	0	1	***	0	0	2	0	1	0	1
26	1	0	0	0	2	2	0	1	0	0	2	4	1
27	0	2	3	0	4	3	0	2	2	3	3	3	2
28	2	0	0	1	2	2	0	0	0	1	0	0	1
29	3	3	0	4	3	0	0	2	3	5	1	2	2
30	0	1	1	0	0	4	0	4	0	0	0	1	1
31	0	0	2	0	0	0	1	0	2	4	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	1	0	0	0	0	0	1	0	2	1	
2	4	1	0	2	2	2	2	2	0	0	3	0	2	
3	0	2	1	2	0	0	2	0	0	0	1	0	1	
4	2	0	7	4	1	2	2	0	1	3	4	0	2	
5	0	2	0	1	0	0	0	1	0	0	0	0	0	
6	0	2	0	0	0	0	0	4	0	0	0	0	1	
7	0	0	0	2	0	0	0	2	2	0	5	3	1	
8	1	0	0	4	1	0	2	3	2	0	0	0	1	
9	2	0	0	0	2	2	0	2	2	0	1	0	1	
10	0	2	0	0	0	0	0	0	0	0	0	0	0	
11	1	0	0	0	2	1	1	3	2	1	2	0	1	
12	0	4	0	3	0	0	1	0	0	1	0	2	1	
13	2	0	0	0	0	0	0	0	1	0	0	0	0	
14	5	0	1	7	0	2	2	0	3	2	2	0	2	
15	4	0	2	0	0	0	1	0	1	0	0	2	1	
16	2	0	0	2	1	0	2	0	3	0	0	2	1	
17	0	2	0	2	0	2	0	1	0	0	0	0	1	
18	0	2	0	4	1	1	0	0	0	0	1	0	1	
19	5	3	0	0	2	2	2	0	2	0	1	0	1	
20	2	0	0	0	0	0	0	2	2	0	0	0	1	
21	2	5	0	2	0	0	0	2	0	0	2	2	1	
22	0	0	0	0	0	0	1	0	0	1	5	2	1	
23	0	2	0	0	0	0	0	3	0	0	0	2	1	
24	0	0	4	0	0	0	2	0	0	0	0	2	1	
25	1	3	0	0	2	0	2	1	0	1	1	0	1	
26	0	0	0	3	0	2	0	0	0	0	0	3	2	
27	4	2	5	0	0	0	0	0	0	2	3	2	1	
28	1	2	0	3	0	0	0	0	0	1	2	2	1	
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	0	0	0	-	-	0	
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6						1	2	0	0	0	0	2	*****	
7	0	0	0	0	5	0	2	0	1	0	2	0	1	
8	0	2	2	0	0	1	0	2	0	0	0	0	1	
9	0	0	0	2	0	2	2	0	4	0	2	2	1	
10	0	2	1	2	0	2	0	0	2	0	2	0	1	
11	1	2	0	1	0	2	2	0	1	2	0	0	1	
12	0	2	2	1	0	0	0	1	0	0	0	2	1	
13	0	1	0	0	2	2	3	0	0	0	0	2	1	
14	1	2	0	1	3	0	2	2	4	0	0	2	1	
15	2	0	0	0	0	0	2	2	4	0	2	1	1	
16	0	2	1	0	0	1	2	0	0	3	0	2	1	
17	0	1	1	1	2	1	0	0	0	2	1	1	1	
18	0	0	1	2	1	2	2	0	0	2	1	3	1	
19	0	0	2	1	0	1	1	0	0	2	0	0	1	
20	2	0	0	0	2	0	0	2	1	0	0	0		
21	0	0	2	0	0	0	0	0	2	0	1	0	0	
22	0	0	2	0	1	0	0	2	2	1	2	0	0	
23	0	1	0	1	0	0	0	0	2	0	0	0	0	
24	2	0	0	1	2	0	2	2	0	1	0	0	1	
25	2	1	0	0	2	0	0	2	1	2	2	0	1	
26	0	1	2	2	0	0	0	2	2	0	0	0	1	
27	0	0	0	0	0	0	1	0	2	0	1	1	1	
28	0	0	2	1	3	3	0	2	2	0	1	2	1	
29	2	0	2	3	0	0	0	0	2	2	0	0	1	
30	0	2	2	0	0	2	0	4	0	2	1	0		
31	0	4	0	0	0	0	0	2	0	0	0	2	1	
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 85.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 14.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	0	0	0	0	2	3	0	0	1	1	1
2	0	5	0	0	0	2	1	0	1	0	1	0	1	1
3	0	0	0	0	0	1	3	3	2	0	0	1	1	1
4	2	2	0	0	2	0	0	0	2	0	0	0	1	1
5	2	0	1	0	2	2	1	3	0	0	1	0	1	1
6	2	2	0	2	0	0	2	4	0	2	0	0	1	1
7	0	3	2	1	2	2	***	***	***	***	***	***	***	***
8	***	***	***	***	***	5	0	2	0	0	0	0	0	0
9	0	0	2	0	0	0	0	0	0	0	0	0	0	0
10	0	0	2	2	0	0	0	0	0	0	0	0	0	0
11	0	2	0	3	0	0	0	0	2	0	3	0	1	1
12	2	2	0	0	0	0	0	2	0	2	0	0	1	1
13	3	0	2	3	0	0	2	0	2	0	2	3	1	1
14	0	0	0	0	3	0	0	0	0	0	2	2	1	1
15	0	0	0	0	0	0	2	2	0	0	0	3	1	1
16	0	1	2	0	0	2	0	0	0	0	0	3	1	1
17	2	0	0	0	2	2	0	0	0	0	0	0	1	1
18	3	0	0	0	3	0	0	0	0	0	3	0	1	1
19	0	2	0	0	2	2	3	0	0	2	0	0	1	1
20	3	2	0	0	2	0	2	0	0	0	0	0	1	1
21	2	2	2	0	0	2	2	0	2	0	0	2	1	1
22	0	3	0	0	0	2	0	2	2	0	0	0	1	1
23	5	2	0	0	0	0	3	***	***	***	***	***	1	1
24	***	***	***	***	***	2	2	0	0	2	0	0	1	1
25	2	0	0	2	0	2	0	2	2	2	0	2	1	1
26	2	2	3	0	0	0	0	2	0	1	3	0	0	0
27	0	0	2	0	0	0	0	0	0	3	0	0	1	1
28	2	0	2	0	0	0	0	2	0	0	0	0	0	0
29	0	2	2	0	0	0	0	2	2	0	0	3	1	1
30	0	2	2	0	2	0	0	2	2	0	0	0	1	1
MEAN	1	1	1	0	1	1	1	1	1	1	0	1	0.8	

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2	2	3	2	2	0	3	0	0	0	3	0	0	1	1
3	0	2	3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	2	0	2	0	2	1	1
6	0	0	3	0	3	2	0	0	0	0	2	3	1	1
7	0	0	0	0	4	3	0	0	0	3	2	0	1	1
8	0	0	0	2	0	0	1	0	0	2	0	1	1	1
9	0	0	0	5	0	0	3	0	2	2	0	0	1	1
10	2	0	0	2	2	0	2	***	0	0	2	0	1	1
11	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	0	0	0	1	0	0	0	0
13	1	0	0	0	0	0	2	0	3	0	0	0	0	0
14	0	0	0	2	0	2	0	0	0	0	0	0	0	0
15	0	3	1	0	0	0	0	0	0	0	0	1	0	0
16	0	0	2	0	0	0	0	0	2	0	0	0	0	0
17	2	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	2	0	0	0
19	0	2	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	2	0	3	0	1	0	1	1
23	0	0	0	0	0	0	2	0	0	0	0	0	0	0
24	0	0	2	0	2	2	0	0	3	0	0	2	1	1
25	1	0	3	0	0	3	0	2	0	0	0	1	1	1
26	0	0	0	0	0	0	0	0	3	0	2	0	0	0
27	0	0	2	2	0	0	2	0	0	2	0	0	1	1
28	0	1	0	2	0	2	0	0	0	0	0	0	0	0
29	0	0	0	2	0	0	0	2	2	0	0	1	1	1
30	2	0	3	0	2	0	0	2	0	0	0	0	1	1
31	0	0	2	0	0	0	0	0	0	0	0	2	0	0
MEAN	0	0	1	1	0	1	0	0	1	1	0	0	0.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - JUN 78	
STATION -	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR DAY														
1	0	2	0	0	0	2	0	0	2	0	0	2	1	1
2	2	0	2	0	0	0	2	0	0	0	0	0	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	2	0	0	0	3	0	0	0	0	0	0	0	0
5	0	3	0	0	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	2	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	2	0	0	2	0	0	1	1
8	0	0	2	0	0	0	0	2	0	0	0	0	1	0
9	0	0	2	0	0	2	2	0	0	0	2	0	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12	0	0	2	2	0	0	0	0	2	0	0	2	1	1
13	0	1	0	2	2	2	0	0	1	0	0	2	1	1
14	0	0	0	0	2	0	0	0	2	0	2	0	1	1
15	2	0	0	0	3	0	2	0	2	0	0	0	0	1
16	3	0	0	0	2	0	2	2	0	0	0	0	0	0
17	0	2	0	0	1	1	1	0	0	0	0	0	0	0
18	0	2	0	0	0	2	0	0	0	2	0	0	0	1
19	2	0	0	0	0	0	0	2	2	0	0	0	0	1
20	2	2	1	2	1	0	0	0	2	0	0	0	0	1
21	0	2	0	0	0	0	0	2	2	0	0	0	1	1
22	2	2	0	0	0	0	2	0	0	0	0	3	1	1
23	0	0	2	0	0	3	0	1	0	3	0	1	0	0
24	0	0	0	0	0	0	0	2	0	0	2	0	0	0
25	2	2	0	0	1	1	0	2	0	1	0	0	1	1
26	0	0	0	0	0	0	0	2	2	0	0	3	1	1
27	0	0	0	0	3	0	4	0	0	2	0	0	1	1
28	0	0	0	1	0	2	0	2	0	2	0	0	0	1
29	1	0	2	0	0	0	0	0	2	0	0	0	0	0
30	0	2	0	2	0	2	2	0	0	1	1	0	0	1
MEAN	1	1	0	0	1	1	1	1	1	0	0	1	0.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - JUL 78	
STATION -	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR DAY														
1	0	0	0	3	0	2	2	0	0	2	5	0	1	1
2	0	3	0	1	0	0	0	0	2	0	0	0	1	1
3	2	0	0	2	0	2	0	0	2	0	2	0	1	1
4	1	0	1	0	2	0	2	0	0	2	0	0	1	1
5	2	0	1	2	2	0	2	0	2	0	0	0	1	1
6	2	1	0	0	2	2	0	0	0	0	0	2	0	0
7	0	0	0	0	0	0	0	1	0	0	2	0	1	1
8	0	3	0	2	0	0	0	2	0	0	0	0	0	0
9	0	0	0	2	0	0	2	0	0	0	0	2	1	1
10	1	0	0	0	1	0	****	2	2	0	0	0	0	0
11	0	2	2	0	0	0	4	2	0	1	0	0	1	1
12	0	0	4	2	0	0	1	0	0	1	0	0	1	1
13	0	2	2	0	0	1	0	0	0	2	0	1	1	1
14	0	1	0	1	1	1	2	0	1	0	2	0	1	1
15	0	0	1	2	0	0	0	2	0	0	0	2	1	1
16	0	2	0	0	0	2	0	3	0	0	1	0	1	1
17	0	0	1	2	2	0	2	0	1	0	0	1	1	1
18	0	0	2	0	0	0	0	0	0	3	0	0	1	1
19	1	1	2	0	0	2	0	2	2	0	2	0	1	1
20	2	0	2	2	1	0	0	0	2	0	1	0	0	0
21	0	0	0	0	3	0	1	0	0	2	1	0	1	1
22	3	0	2	1	0	0	0	1	1	0	0	2	0	0
23	0	2	0	0	0	0	0	0	0	2	0	1	0	0
24	0	0	0	1	0	0	2	1	0	0	0	0	0	0
25	0	0	1	0	0	0	2	0	0	0	0	0	0	0
26	0	2	0	0	2	0	0	1	0	2	0	0	1	1
27	2	0	0	0	0	2	2	2	0	2	0	0	1	1
28	1	2	3	0	0	2	2	2	0	2	0	0	1	1
29	2	0	0	0	2	2	2	2	0	2	0	2	1	1
30	2	2	3	0	0	0	0	3	0	3	0	0	0	0
31	0	1	0	0	0	0	2	1	0	0	1	0	0	0
MEAN	1	1	1	1	1	1	1	1	0	1	1	0	0.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	2	3	0	0	0	0	0	0	0	2	1	1
2	2	0	2	2	2	2	0	0	2	1	0	0	1	1
3	0	0	0	2	0	0	0	2	2	0	2	1	1	1
4	1	2	1	0	0	0	0	2	1	0	0	0	1	1
5	2	0	0	3	0	2	0	1	0	2	2	1	1	1
6	2	1	2	0	0	0	1	0	0	0	2	2	1	1
7	0	0	2	0	0	0	1	2	0	0	0	2	1	1
8	2	0	0	0	1	2	2	0	0	1	0	2	1	1
9	0	2	2	1	0	0	0	2	0	0	2	0	1	1
10	0	1	2	0	2	0	0	1	2	0	1	2	1	1
11	0	0	3	0	2	2	2	3	0	0	0	1	1	1
12	0	2	0	0	0	2	2	2	0	2	4	0	1	1
13	0	1	0	0	1	2	2	0	2	0	0	0	1	1
14	1	2	0	0	0	0	2	0	0	2	1	0	1	1
15	1	2	0	2	1	0	0	0	0	1	2	1	0	1
16	0	1	1	1	0	0	0	0	0	1	0	2	1	1
17	1	0	0	0	2	2	0	0	0	1	0	0	1	1
18	1	2	1	0	0	2	1	1	0	0	0	0	1	1
19	0	2	0	0	1	0	2	1	0	0	0	0	1	1
20	2	2	2	2	3	0	2	0	0	2	1	0	1	1
21	0	0	1	0	2	0	2	0	0	0	0	0	0	1
22	2	1	1	0	2	2	1	2	1	0	2	0	1	1
23	1	1	1	0	1	0	0	0	0	2	3	0	1	1
24	1	0	2	2	0	1	0	0	2	0	0	0	1	1
25	0	0	1	0	2	2	2	1	0	2	0	2	1	1
26	1	2	0	0	1	0	0	0	1	0	0	2	1	1
27	0	1	2	0	0	0	0	2	2	2	0	2	1	1
28	1	1	0	3	3	1	4	0	2	0	2	0	1	1
29	0	0	1	2	0	2	2	0	2	0	0	2	1	1
30	2	0	0	0	1	2	0	2	1	0	2	1	1	1
31	2	1	0	1	0	0	1	0	2	0	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	3	0	2	0	0	2	0	0	2	4	1	1
2	0	0	0	0	0	2	0	0	0	0	0	0	0	1
3	4	0	2	0	1	0	0	3	2	0	0	0	1	1
4	0	0	0	3	0	0	3	0	2	0	0	0	1	1
5	0	0	1	0	0	2	0	0	2	0	0	3	1	1
6	0	0	2	3	1	0	1	0	2	0	2	1	1	1
7	0	0	0	2	0	0	0	3	0	0	1	2	1	1
8	3	1	3	0	0	2	0	0	0	0	3	0	1	1
9	1	0	0	0	0	1	2	0	0	5	0	1	1	1
10	3	0	0	0	0	0	0	0	0	0	0	1	1	1
11	0	2	3	0	0	0	2	4	0	0	0	0	1	1
12	2	1	0	1	1	0	1	0	0	2	0	0	1	1
13	0	0	1	0	0	0	0	3	0	4	0	0	1	1
14	0	0	3	3	0	1	0	0	0	1	0	2	1	1
15	0	0	3	2	0	2	0	1	2	0	4	0	1	1
16	3	2	0	0	0	0	0	0	0	0	2	0	1	1
17	2	0	3	1	0	0	2	0	0	2	2	2	1	1
18	0	3	0	2	0	2	0	3	2	0	0	0	1	1
19	3	0	2	0	0	2	0	0	2	0	0	0	1	1
20	0	0	3	0	2	0	1	0	0	2	0	0	1	1
21	0	0	0	1	7	2	0	0	0	2	0	3	1	1
22	1	0	0	3	2	0	1	0	1	0	0	0	1	1
23	0	0	0	0	0	2	0	0	0	0	0	0	0	1
24	0	2	0	0	0	0	3	0	0	0	0	2	1	1
25	0	0	2	0	2	0	0	0	3	3	0	2	1	1
26	0	1	0	1	1	0	***	0	1	3	0	2	1	1
27	0	1	0	0	0	2	0	0	2	0	0	0	0	1
28	2	1	0	2	2	0	0	0	0	2	1	4	1	1
29	3	0	0	0	1	0	0	3	0	2	0	0	1	1
30	3	3	2	3	1	1	0	1	1	0	0	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	1	0	0	0	1	0	0	0	1	1	0	
2	0	0	0	1	0	2	0	0	0	0	1	0	0	
3	0	0	0	1	0	0	0	0	0	0	0	0	0	
4	0	0	1	1	1	1	0	0	0	1	2	0	1	
5	0	0	0	0	2	0	0	0	0	1	2	1	1	
6	0	1	0	2	0	0	0	2	0	0	0	0	0	
7	0	1	1	0	1	0	0	0	2	0	0	0	0	
8	1	0	1	0	0	0	0	0	2	0	0	1	0	
9	0	0	0	0	0	0	2	0	0	0	1	0	0	
10	0	1	0	0	0	3	0	1	3	0	0	0	1	
11	1	0	0	0	0	0	0	2	0	0	0	1	0	
12	2	0	0	2	0	0	0	0	2	0	2	2	1	
13	0	0	0	0	1	0	1	0	1	2	0	0	0	
14	1	0	2	0	0	1	0	2	1	1	0	0	1	
15	0	0	0	0	0	2	0	0	0	0	2	0	0	
16	0	0	2	0	0	0	0	2	0	1	0	0	0	
17	2	0	1	0	0	0	0	0	0	0	2	1	0	
18	0	0	1	0	2	0	0	0	0	0	1	0	1	
19	1	0	0	0	2	0	0	0	0	2	0	2	0	
20	2	0	1	1	0	0	0	0	0	0	0	0	0	
21	1	0	1	0	0	0	1	5	1	0	1	2	1	
22	0	0	0	0	0	1	1	2	0	1	0	2	1	
23	0	3	0	0	0	0	0	0	1	0	0	0	1	
24	1	0	2	0	1	0	0	0	0	2	0	0	1	
25	0	2	0	0	0	0	0	1	2	0	0	0	0	
26	0	1	0	0	3	1	0	0	0	0	0	0	0	
27	0	2	0	0	1	0	1	0	2	0	0	2	1	
28	2	0	0	0	1	0	0	2	0	1	2	0	1	
29	2	0	0	0	1	0	0	0	0	0	0	3	1	
30	0	0	1	1	1	0	0	0	0	0	0	0	0	
31	0	1	0	1	0	2	0	0	0	0	1	0	0	
MEAN	1	0	0	0	0	1	0	1	0	0	1	1	0.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COHS/1000 FT
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA					
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING	
JAN	31	0.8	2	5	
FEB	28	0.9	2	7	
MAR	26	0.8	1	5	
APR	26	0.8	1	5	
MAY	31	0.5	1	5	
JUN	30	0.5	1	4	
JUL	31	0.7	1	5	
AUG	31	0.8	1	4	
SEP	30	0.8	1	7	
OCT	31	0.9	1	5	
NOV	30	0.9	2	6	
DEC	31	0.5	1	5	
YEAR	356	0.8	2	7	

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	368	2	0	0	0	0	0	370
FEB	328	8	0	0	0	0	0	336
MAR	316	1	0	0	0	0	0	317
APR	336	3	0	0	0	0	0	339
MAY	370	1	0	0	0	0	0	371
JUN	360	0	0	0	0	0	0	360
JUL	370	1	0	0	0	0	0	371
AUG	372	0	0	0	0	0	0	372
SEP	357	2	0	0	0	0	0	359
OCT	371	1	0	0	0	0	0	372
NOV	352	6	0	0	0	0	0	358
DEC	371	1	0	0	0	0	0	372
YEAR	4271	26	0	0	0	0	0	4297

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

## CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

98.1

0

0.0

0.0

0.0

0.8

1.8

2.3

2.9

3.6

7

0.8

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD, MISSISSAUGA

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	0	0	2	0	2	2	0	1	0	1
2	1	1	0	0	0	2	2	2	1	2	0	0	1
3	3	0	0	2	0	3	2	4	5	2	4	1	2
4	0	0	2	0	1	1	0	2	3	4	6	9	3
5	2	3	2	3	4	0	0	0	0	0	0	0	0
6	1	1	2	3	0	0	2	0	4	5	6	5	3
7	0	2	3	3	1	1	4	2	3	5	2	0	3
8	6	3	3	0	2	2	0	3	5	3	2	2	2
9	2	0	0	2	2	0	1	2	0	1	2	0	1
10	0	0	1	0	0	2	0	1	1	2	1	2	1
11	1	0	3	0	0	2	0	1	1	2	1	2	1
12	3	0	4	4	4	1	0	4	2	6	3	3	3
13	3	3	5	3	2	3	0	3	4	3	2	2	2
14	1	2	1	0	2	3	2	0	2	2	2	1	1
15	1	1	0	1	2	0	0	2	1	5	6	3	2
16	2	0	0	1	5	0	2	2	2	2	7	5	4
17	4	6	3	5	9	3	2	3	3	0	4	3	1
18	2	2	0	0	3	0	0	0	4	3	3	4	4
19	0	3	5	0	11	4	3	2	4	3	2	1	2
20	0	1	2	0	2	3	3	2	4	3	2	1	2
21	0	2	1	2	3	1	3	2	0	7	9	5	3
22	2	3	0	3	0	3	2	0	3	4	2	3	2
23	3	2	3	2	2	5	7	2	2	9	0	2	3
24	7	6	5	2	2	1	3	11	4	7	5	7	5
25	3	9	2	7	11	9	2	7	2	4	2	2	5
26	1	0	0	2	2	2	4	1	0	4	0	0	1
27	0	0	1	2	3	0	2	1	3	2	2	3	2
28	0	3	0	2	2	0	0	1	0	0	2	0	2
29	2	0	0	5	0	2	0	3	0	5	0	2	1
30	0	1	3	4	1	0	1	0	2	0	3	0	1
31	3	3	2	5	1	2	***	1	3	0	3	2	2
MEAN	2	2	2	2	3	2	2	2	2	3	3	2	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	2	5	2	0	0	1	3	3	2	2	
2	7	4	3	5	7	3	5	4	0	11	3	7	5	
3	1	0	1	0	5	5	3	0	0	3	2	2	2	
4	5	0	1	0	5	0	2	0	4	5	6	10	3	
5	7	1	2	2	0	4	3	2	2	2	5	3	3	
6	3	0	0	0	5	1	3	0	2	0	2	0	2	
7	2	2	3	2	3	2	3	3	0	0	2	3	2	
8	2	3	0	0	2	1	3	3	2	2	3	2	2	
9	5	5	2	3	3	1	5	3	2	2	3	0	3	
10	2	4	2	2	0	0	2	5	2	0	0	3	2	
11	5	1	2	2	0	2	0	2	3	1	0	2	2	
12	2	2	2	2	0	2	0	0	3	2	2	2	2	
13	1	3	3	1	3	2	0	2	0	2	3	0	2	
14	2	3	5	3	3	4	1	3	3	11	5	2	4	
15	5	2	5	4	2	3	3	3	7	3	7	3	4	
16	7	6	9	5	3	2	3	4	1	3	0	2	2	
17	0	3	3	1	6	0	0	3	2	5	0	2	3	
18	0	6	2	4	3	0	2	5	5	3	2	0	2	
19	2	3	2	3	0	3	0	0	2	4	0	2	3	
20	3	0	5	7	3	6	2	3	2	6	2	5	4	
21	2	9	2	8	***	0	0	0	2	0	2	3	3	
22	0	2	2	2	2	0	0	2	2	3	2	2	2	
23	0	0	2	5	5	0	0	2	2	7	2	3	2	
24	0	2	3	5	2	2	2	3	0	4	4	3	3	
25	2	0	0	3	0	5	2	0	2	1	7	3	2	
26	0	0	0	2	2	3	0	0	3	2	0	2	1	
27	0	3	0	2	5	2	0	3	0	2	2	0	2	
28	0	0	3	9	5	0	0	3	5	9	7	5	4	
MEAN	2	2	2	3	3	2	2	2	2	3	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	3	7	5	3	0	0	0	0	3	3	0	2	
2	3	0	0	2	2	3	0	0	2	3	0	12	2	
3	5	2	2	3	2	3	5	2	1	0	0	3	2	
4	3	2	0	0	2	0	2	2	0	0	2	3	2	
5	2	2	0	0	0	0	0	2	0	0	3	0	1	
6	2	5	4	5	0	4	0	4	0	2	5	0	3	
7	2	2	0	2	0	2	0	0	0	0	2	5	2	
8	0	3	1	7	6	3	0	1	0	2	0	3	2	
9	5	5	1	7	6	2	3	0	2	1	0	3	3	
10	3	4	5	4	2	8	5	1	5	6	4	13	5	
11	10	5	8	2	2	3	2	7	2	0	5	5	4	
12	7	5	6	5	2	2	5	0	3	2	3	3	4	
13	3	2	4	3	3	2	3	2	2	4	0	2	3	
14	3	5	4	0	0	0	***	0	0	2	2	0	1	
15	2	0	2	0	2	4	2	0	1	5	2	0	2	
16	2	2	3	0	0	2	0	2	1	1	0	0	1	
17	1	0	0	0	0	3	3	2	2	2	0	2	1	
18	2	3	2	2	0	0	0	0	2	2	0	2	1	
19	1	2	0	0	0	2	0	2	2	0	0	2	1	
20	0	1	2	5	3	2	2	1	1	0	0	1	2	
21	3	3	3	4	2	9	5	2	6	0	3	0	3	
22	2	3	2	1	3	2	2	2	9	4	0	9	3	
23	0	0	3	3	2	0	0	2	0	0	2	0	1	
24	0	0	0	0	1	0	0	0	2	0	3	1	1	
25	2	0	1	0	1	0	0	2	3	0	2	2	1	
26	0	1	2	0	0	2	0	3	0	1	0	2	1	
27	2	1	2	0	0	2	0	1	2	3	3	2	2	
28	0	1	3	3	1	2	1	2	2	3	3	1	2	
29	3	1	2	0	0	0	3	***	1	0	3	2	1	
30	3	1	2	1	2	5	0	2	2	4	1	2	2	
31	2	2	1	4	2	2	2	3	2	1	2	0	2	
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	2	2	0	1	0	0	0	2	1	1
2	0	1	0	0	1	1	0	2	0	1	3	2	1	1
3	2	1	1	0	0	0	1	2	1	1	3	1	1	1
4	2	1	3	2	2	2	1	3	2	1	3	0	1	2
5	2	0	2	2	0	1	1	0	3	0	4	1	2	1
6	3	3	2	3	1	1	2	0	0	1	0	0	1	1
7	3	3	0	2	2	0	2	0	3	2	0	2	1	1
8	2	0	3	0	3	0	0	0	2	0	2	1	1	1
9	3	0	2	0	2	0	3	3	0	0	0	0	1	1
10	0	3	0	2	0	2	0	2	0	2	0	0	1	1
11	0	1	3	0	2	0	3	0	2	2	2	0	1	1
12	2	2	0	0	2	0	2	2	1	0	3	2	1	1
13	1	2	0	2	0	1	2	2	2	0	3	0	1	1
14	0	0	0	2	0	2	****	0	0	0	2	0	1	1
15	1	2	0	2	0	1	0	2	0	2	2	2	1	1
16	0	2	0	0	0	0	2	0	0	0	2	0	1	1
17	2	0	2	0	0	0	2	0	2	0	3	0	1	1
18	3	3	3	2	0	2	1	0	0	0	3	0	1	1
19	0	0	4	2	3	0	0	0	0	0	0	0	2	1
20	2	0	1	2	3	0	11	0	4	0	0	0	2	1
21	0	3	0	4	0	0	0	5	0	2	0	0	2	1
22	2	2	9	0	6	0	2	0	3	0	0	5	1	1
23	0	0	0	0	0	2	0	0	0	2	2	3	1	1
24	0	0	2	3	0	0	3	0	6	0	0	0	2	1
25	0	3	2	0	0	2	2	2	2	2	0	7	2	1
26	4	11	2	0	0	2	0	0	2	0	2	5	1	1
27	2	0	0	0	0	0	0	5	0	5	2	7	2	1
28	0	2	2	2	0	0	0	3	0	4	3	2	1	1
29	0	0	0	3	0	0	0	0	0	0	3	2	1	1
30	0	0	0	2	0	2	1	2	0	2	3	2	1	1
MEAN	1	2	2	1	1	1	1	1	1	1	2	2	1.3	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	4	5	1	0	2	2	0	2	0	5	0	2	2
2	0	2	0	2	0	2	3	0	0	0	3	7	2	2
3	3	9	3	4	3	0	0	0	0	2	5	4	3	1
4	0	0	2	0	0	0	0	0	0	0	0	0	1	1
5	3	0	2	0	3	2	0	2	3	9	2	3	2	2
6	0	0	3	0	0	7	0	2	0	8	2	5	1	1
7	0	2	0	0	0	0	0	0	2	0	0	0	2	1
8	5	0	0	5	0	3	3	3	3	2	0	9	3	3
9	2	0	0	3	4	2	0	5	6	5	0	9	3	3
10	3	3	0	3	0	2	0	5	6	5	0	9	3	3
11	2	0	2	0	0	3	2	5	0	2	2	4	2	2
12	0	6	2	5	3	3	2	2	0	0	2	0	2	2
13	2	2	2	5	5	3	4	0	3	3	0	2	2	2
14	6	3	5	3	0	0	3	3	1	0	0	1	2	2
15	6	0	0	0	0	2	2	0	0	0	2	0	1	1
16	0	2	2	0	4	0	7	0	7	5	0	5	3	3
17	3	0	2	6	0	7	0	3	0	5	5	7	4	4
18	3	7	0	12	2	2	0	4	0	3	2	0	3	3
19	3	3	5	7	3	0	0	5	3	0	0	2	3	3
20	7	5	3	9	3	0	0	5	3	0	0	2	3	3
21	2	0	3	0	3	0	0	0	2	12	2	7	3	3
22	0	0	3	5	0	3	0	2	0	0	5	9	2	2
23	2	2	2	9	0	3	0	5	0	2	2	9	3	3
24	12	5	5	3	15	7	5	3	0	1	9	3	4	4
25	3	7	3	3	0	5	7	2	0	5	12	0	2	2
26	0	5	3	0	7	7	0	3	0	0	4	5	3	3
27	3	0	0	2	7	3	3	9	3	2	3	7	5	4
28	9	5	0	7	3	12	3	3	3	2	0	5	4	4
29	5	7	3	0	5	7	3	0	2	3	3	0	3	3
30	7	9	0	3	2	0	****	5	3	3	3	0	3	3
31	0	7	3	3	2	5	0	1	0	1	0	0	2	2
MEAN	3	3	2	3	2	3	2	2	2	2	3	3	2.6	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	2	0	0	0	0	2	0	3	0	1	
2	2	1	2	0	3	0	0	3	0	2	0	2	1	
3	0	0	2	0	3	2	0	0	3	0	0	3	1	
4	2	0	0	0	3	1	3	0	3	0	3	0	1	
5	3	0	0	0	0	0	0	0	2	0	0	2	1	
6	0	0	7	3	5	0	5	0	3	0	3	2	2	
7	3	0	9	0	3	5	2	0	0	3	7	3	3	
8	0	5	7	3	0	2	0	2	0	2	0	2	2	
9	0	2	0	3	0	2	0	0	2	0	5	0	1	
10	3	0	2	3	1	2	0	3	0	3	0	4	2	
11	0	0	5	0	4	2	2	4	0	3	0	7	2	
12	2	5	2	0	5	0	2	0	0	3	0	2	2	
13	2	0	2	0	2	2	0	3	0	0	4	0	1	
14	2	0	0	3	0	0	0	0	5	0	2	0	1	
15	0	0	2	0	2	3	0	2	0	0	2	3	1	
16	3	4	0	0	3	2	0	2	2	0	2	0	2	
17	0	2	3	0	1	3	0	0	5	2	2	3	2	
18	5	0	0	2	5	0	0	5	0	0	2	3	2	
19	3	0	1	2	5	***	2	0	1	3	3	2	2	
20	2	5	2	4	3	2	3	1	1	2	5	6	3	
21	5	9	5	3	0	5	0	5	0	1	2	3	3	
22	0	0	1	0	0	2	3	3	0	2	0	3	1	
23	5	1	0	1	0	3	2	2	0	2	0	3	2	
24	0	2	0	2	1	2	0	0	0	2	0	4	1	
25	2	2	3	0	2	2	2	5	3	0	0	4	2	
26	0	3	1	2	6	2	4	3	0	1	0	5	2	
27	2	3	2	0	3	4	4	2	0	0	2	0	2	
28	2	0	0	0	0	2	2	1	0	0	0	2	1	
29	3	2	0	3	0	2	1	3	0	0	2	0	1	
30	3	1	3	2	0	0	0	2	2	0	1	0	1	
MEAN	2	2	2	1	2	2	1	2	1	1	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	2	2	0	2	0	0	2	0	3	1	
2	0	2	3	2	0	0	0	2	1	2	3	0	1	
3	2	3	1	1	2	0	1	3	0	1	0	0	1	
4	2	0	2	0	2	0	0	0	2	0	0	2	1	
5	3	5	2	3	3	0	5	2	3	2	0	0	2	
6	2	2	2	2	2	0	2	2	5	2	2	2	2	
7	3	3	5	3	3	0	1	0	2	3	1	2	2	
8	0	5	5	3	0	2	0	0	0	0	2	0	1	
9	0	2	3	0	2	0	2	2	2	2	0	0	1	
10	0	2	2	0	0	0	***	0	0	0	0	2	1	
11	2	0	0	0	4	0	0	0	0	2	0	0	1	
12	4	2	2	0	2	2	2	2	2	0	0	5	2	
13	1	2	0	3	0	2	2	2	0	0	2	2	2	
14	5	3	3	0	3	0	7	2	0	0	2	0	3	
15	0	2	0	2	3	1	2	2	2	0	0	0	1	
16	0	0	0	0	0	2	0	0	2	2	0	0	0	
17	2	0	0	0	0	0	0	1	2	0	3	3	1	
18	2	4	0	0	2	3	2	2	0	2	0	2	2	
19	0	1	2	2	5	2	0	2	0	2	3	2	2	
20	2	5	2	0	3	3	2	3	4	0	2	0	2	
21	3	5	0	2	2	3	***	0	3	5	6	2	3	
22	3	0	5	1	2	0	2	2	2	0	2	2	2	
23	3	0	2	3	2	0	2	0	0	0	0	2	1	
24	0	0	2	0	2	2	0	0	0	0	2	2	1	
25	0	3	0	4	2	2	0	3	2	3	3	0	2	
26	3	2	2	3	3	0	2	2	3	0	3	0	2	
27	1	0	3	1	2	2	3	1	0	1	0	1	1	
28	0	0	0	0	0	0	0	0	0	0	0	3	0	
29	0	2	0	0	2	0	2	0	2	0	0	2	1	
30	0	0	0	0	0	1	0	0	2	0	1	2	1	
31	2	1	0	0	2	3	2	0	0	2	0	2	1	
MEAN	2	2	2	1	2	1	1	1	1	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	2	6	0	0	2	3	0	2	2	2	2
2	3	0	2	3	5	3	3	1	2	3	0	1	2	2
3	3	1	2	2	2	3	2	2	2	2	2	3	2	2
4	0	2	0	0	3	0	1	2	0	2	0	2	1	1
5	2	2	0	0	2	2	2	3	0	5	2	2	2	2
6	0	3	3	1	3	3	3	0	3	1	5	3	3	3
7	7	3	3	3	3	2	2	0	2	1	0	2	2	2
8	0	4	3	0	2	1	2	1	2	0	0	3	2	2
9	2	5	3	0	2	1	2	2	0	3	2	3	2	2
10	0	2	3	0	2	0	2	2	0	0	0	0	1	3
11	2	0	0	2	0	1	0	2	0	0	0	0	5	3
12	3	1	7	2	2	5	3	0	0	3	0	2	2	2
13	2	0	5	3	3	2	2	0	2	3	2	6	3	3
14	5	1	3	2	2	3	2	3	2	0	0	0	2	2
15	3	5	6	3	0	2	1	3	2	1	0	2	1	1
16	1	0	4	2	0	2	1	***	0	0	0	2	1	2
17	1	1	1	1	2	0	3	0	0	0	0	0	2	2
18	2	2	1	6	0	4	3	2	0	0	0	2	1	1
19	0	0	2	0	0	0	2	0	0	0	4	2	2	1
20	0	0	0	2	0	0	2	0	0	0	0	0	2	1
21	2	4	2	2	2	0	0	4	2	1	2	4	2	2
22	4	4	3	7	5	1	4	2	2	0	6	3	3	3
23	2	2	4	5	2	0	7	1	4	4	1	6	3	3
24	3	7	2	5	1	5	6	5	2	0	3	0	3	3
25	4	1	0	4	0	5	0	3	2	4	2	0	2	2
26	2	1	2	0	1	1	0	0	1	2	2	0	1	1
27	2	0	0	0	0	1	0	2	0	0	2	0	1	1
28	2	1	1	0	2	0	0	2	2	0	4	2	2	1
29	0	2	2	0	2	1	1	0	1	1	2	0	3	3
30	0	5	4	3	7	2	2	2	2	4	1	0	2	1
31	2	2	1	0	5	2	2	1	0	0	5	5	2	2
MEAN	2	2	2	2	2	2	2	2	1	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	5	2	1	2	2	0	2	2	2	2	2
2	0	2	2	2	0	3	4	2	0	3	2	0	2	2
3	1	2	2	3	0	1	5	3	0	2	1	0	1	1
4	0	2	1	1	0	2	1	0	1	2	5	2	3	3
5	1	2	7	3	2	3	3	1	2	0	2	0	2	2
6	3	0	2	8	4	4	1	2	2	0	0	3	1	1
7	2	2	3	0	3	0	2	0	0	2	2	1	1	1
8	0	0	3	1	2	0	2	0	0	2	0	0	1	1
9	2	0	2	0	1	0	3	4	0	2	0	2	2	2
10	3	0	3	2	1	0	2	0	1	0	4	2	2	2
11	2	5	0	8	6	4	6	2	0	0	1	4	3	3
12	2	2	2	0	4	1	0	0	3	0	3	0	1	1
13	0	0	0	2	2	3	0	0	0	2	0	5	2	2
14	3	0	3	2	0	5	0	1	1	4	0	2	1	1
15	2	3	1	2	1	2	4	0	0	1	0	2	1	1
16	2	3	2	0	2	2	0	0	3	2	1	0	2	2
17	0	2	3	0	2	2	2	0	1	0	0	1	1	1
18	0	2	5	0	0	2	1	1	2	4	2	2	2	2
19	0	1	0	3	3	2	1	0	0	1	0	2	2	2
20	0	4	4	4	3	3	3	0	0	1	0	2	2	2
21	0	5	6	3	7	3	5	2	0	0	0	3	3	3
22	0	2	2	2	2	2	2	3	0	0	0	0	1	1
23	0	2	1	0	2	0	3	2	0	3	0	0	1	1
24	2	3	3	2	0	2	2	0	2	0	3	2	2	2
25	1	3	0	3	0	1	2	3	0	0	2	0	1	1
26	0	2	0	5	0	0	1	2	0	2	2	0	3	3
27	0	4	0	6	5	2	3	0	2	4	2	0	2	2
28	1	2	3	0	3	0	3	0	2	2	2	2	1	1
29	2	3	3	2	3	5	2	0	3	0	0	2	2	2
30	4	4	5	2	6	1	4	2	5	3	4	2	4	4
MEAN	1	2	2	2	2	2	2	1	1	1	1	1	1.7	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD,MISSISSAUGA														MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	0	0	2	2	0	0	2	2	2	1			
2	0	0	0	0	2	6	2	2	2	3	2	1	2		
3	5	4	6	2	3	0	2	5	3	2	0	2	3		
4	3	0	0	3	3	2	2	5	5	0	2	2	2		
5	2	2	5	2	7	1	2	3	2	0	2	3	3		
6	- DATA UNAVAILABLE -														
7	- DATA UNAVAILABLE -														
8	- DATA UNAVAILABLE -														
9	- DATA UNAVAILABLE -														
10	- DATA UNAVAILABLE -														
11	-	-	-	-	-	-	2	0	5	0	3	0	*****		
12	2	5	0	5	0	0	0	3	2	0	2	0	2		
13	0	0	5	2	3	0	0	0	0	0	0	2	1		
14	2	0	3	2	0	2	0	2	0	0	0	3	1		
15	0	2	2	2	0	0	0	0	0	0	3	3	1		
16	1	0	2	2	0	0	0	0	0	2	2	0	1		
17	1	0	2	2	2	2	2	0	2	0	3	0	1		
18	0	2	2	2	0	3	2	0	0	5	2	0	2		
19	0	2	2	2	2	0	2	0	0	5	0	0	1		
20	0	0	0	2	0	2	3	0	0	2	2	2	1		
21	0	3	2	3	1	2	3	3	0	3	0	2	2		
22	2	0	3	0	0	3	0	3	0	1	0	0	1		
23	4	2	0	2	0	0	0	0	3	0	0	2	1		
24	2	3	0	3	2	3	****	0	4	0	3	2	2		
25	3	2	3	3	0	3	0	2	0	2	0	2	2		
26	0	2	0	0	0	2	0	0	0	0	0	3	1		
27	0	0	0	3	0	3	0	0	2	0	2	1	2		
28	2	3	2	2	3	0	0	0	0	0	0	3	2		
29	0	0	0	2	0	0	0	0	0	2	0	0	0		
30	2	0	2	0	2	0	0	0	2	3	3	4	2		
31	0	3	2	3	4	2	****	5	2	0	0	0	2		
MEAN	1	1	2	2	1	2	1	1	1	1	1	2	1.4		

PERCENTAGE OF DATA VALID - 81.7 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD.MISSISSAUGA														MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	3	3	2	0	3	0	0	3	0	1		
2	0	2	2	2	3	2	3	2	0	2	5	5	2		
3	3	5	2	5	7	2	2	0	3	2	2	5	3		
4	2	5	4	3	1	6	3	1	3	5	2	1	3		
5	6	3	6	2	5	0	0	3	3	6	2	0	3		
6	3	2	2	5	2	2	0	0	1	0	0	2	2		
7	1	1	0	1	0	2	0	3	0	2	1	3	1		
8	0	2	1	2	3	0	4	0	4	0	0	3	2		
9	1	0	0	2	3	2	0	3	0	2	1	1	1		
10	3	5	2	3	5	1	0	1	3	0	5	2	3		
11	1	3	2	2	3	4	1	2	1	2	0	2	2		
12	0	0	0	0	0	2	0	0	2	2	3	0	1		
13	1	0	0	1	2	2	0	2	1	1	1	2	1		
14	2	5	2	0	0	2	2	0	3	3	0	0	2		
15	0	2	0	2	2	1	2	0	0	3	3	1	1		
16	0	3	2	1	0	1	3	0	2	0	0	1	1		
17	0	3	0	0	2	0	0	2	0	0	5	1	1		
18	0	0	0	3	0	2	0	0	0	1	1	0	1		
19	0	1	0	3	0	3	0	3	0	5	0	0	1		
20	2	3	0	1	1	1	2	4	1	2	2	1	2		
21	0	0	0	0	1	3	0	0	2	0	0	2	1		
22	1	0	2	1	0	****	0	5	0	4	0	0	1		
23	3	0	0	0	3	2	0	2	5	0	2	0	1		
24	2	0	2	0	0	2	4	2	2	4	0	0	2		
25	3	2	0	2	0	0	0	3	0	2	3	3	3		
26	0	2	5	0	1	3	2	3	9	0	3	0	2		
27	0	2	5	2	3	3	1	0	3	3	3	0	2		
28	0	2	0	2	2	2	3	0	0	3	11	3	3		
29	0	2	1	4	1	3	2	3	1	3	2	0	1		
30	0	0	3	0	2	3	3	0	1	3	2	0	1		
MEAN	1	2	1	2	2	2	1	2	2	2	2	1	1.7		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - C	NO 46100	PUBLIC SCHOOL	GREEN GLADE	RD. MISSISSAUGA	MONTH - DEC	78							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	4	3	0	6	7	2	0	7	8	3	3	4	
2	5	0	0	1	0	2	0	0	2	2	5	2	2	
3	2	0	2	3	3	2	0	3	2	3	2	9	3	
4	0	7	3	1	2	1	0	2	2	0	0	2	2	
5	3	4	0	1	3	1	***	0	2	2	2	2	2	
6	2	0	6	6	2	0	2	6	3	3	2	2	3	
7	0	3	3	3	2	0	3	2	4	0	2	3	2	
8	2	5	4	2	8	2	0	4	1	3	3	0	3	
9	2	0	2	3	0	0	4	0	2	3	2	3	2	
10	0	0	1	2	0	1	3	2	1	2	0	2	1	
11	0	5	3	5	3	0	3	4	1	2	8	2	3	
12	4	2	7	2	1	0	2	5	0	3	2	2	3	
13	4	1	3	2	2	2	2	3	0	1	0	1	2	
14	0	0	0	3	2	1	2	2	0	2	1	3	1	
15	1	2	3	1	2	3	0	1	1	2	4	3	2	
16	2	0	3	3	3	3	4	4	2	5	3	6	3	
17	3	1	1	1	1	2	2	1	2	2	0	2	2	
18	0	2	2	1	1	3	2	2	3	3	1	3	2	
19	2	0	2	3	0	1	4	0	3	8	2	2	2	
20	2	2	3	0	0	2	2	0	2	1	2	1	1	
21	3	2	0	0	0	3	1	2	2	0	3	0	1	
22	2	2	0	2	3	3	2	1	2	1	2	0	2	
23	0	***	1	2	0	2	2	2	0	2	14	20	4	
24	11	3	2	1	2	0	2	2	3	2	0	2	3	
25	3	2	3	1	2	1	0	2	1	0	3	3	2	
26	2	0	2	1	3	0	2	3	2	2	2	1	2	
27	0	0	2	1	0	2	8	2	2	2	0	1	2	
28	0	4	1	2	2	0	3	0	6	7	1	5	3	
29	3	6	0	2	3	4	6	4	0	4	1	0	3	
30	2	0	0	5	1	3	2	1	6	5	2	5	3	
31	8	1	7	2	3	2	1	2	2	0	5	2	3	
MEAN	2	2	2	2	2	2	2	2	2	3	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	5	11
FEB	28	2.5	5	11
MAR	31	2.0	5	13
APR	30	1.3	2	11
MAY	31	2.6	6	15
JUN	30	1.7	3	9
JUL	31	1.4	3	7
AUG	31	1.8	3	7
SEP	30	1.7	4	8
OCT	25	1.4	3	7
NOV	30	1.7	3	11
DEC	31	2.2	4	20
YEAR	359	1.9	6	20

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	329	39	3	0	0	0	0	371
FEB	278	55	2	0	0	0	0	335
MAR	330	38	2	0	0	0	0	370
APR	347	10	2	0	0	0	0	359
MAY	285	80	6	0	0	0	0	371
JUN	328	31	0	0	0	0	0	359
JUL	354	16	0	0	0	0	0	370
AUG	338	33	0	0	0	0	0	371
SEP	336	24	0	0	0	0	0	360
OCT	289	15	0	0	0	0	0	304
NOV	333	25	1	0	0	0	0	359
DEC	333	34	2	1	0	0	0	370
YEAR	3880	400	18	1	0	0	0	4299

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION. PERCENT 70	90	95	98	99	MAX	ARITH MEAN
98.2	0	0.0	0.0	1.3	2.0	3.9	4.9	6.6	8.2	20	1.9

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	1	2	1	2	4	6	6	2	2	0	3
2	2	4	2	1	4	2	2	0	2	3	2	2	2
3	2	2	2	2	1	1	2	1	4	4	3	2	2
4	3	2	0	6	9	5	4	4	6	2	2	4	4
5	2	3	2	8	5	4	5	5	21	7	8	5	6
6	3	0	1	5	3	3	5	3	6	3	4	2	3
7	2	6	4	5	3	9	4	5	6	6	11	9	6
8	9	5	2	2	2	4	0	6	8	4	0	0	4
9	3	1	0	0	4	0	0	2	2	2	2	2	2
10	0	2	0	4	2	0	3	2	2	1	3	2	2
11	0	0	0	4	3	3	0	2	0	3	2	6	2
12	0	2	0	0	4	4	3	1	3	6	3	3	2
13	2	6	6	5	8	6	6	3	3	6	2	4	5
14	2	0	2	1	0	3	2	2	0	2	1	2	1
15	0	2	2	2	3	2	2	2	2	4	2	1	2
16	3	0	0	2	3	2	3	0	2	7	7	2	3
17	6	3	4	2	8	8	3	3	2	2	2	0	4
18	3	0	4	1	2	4	2	2	2	3	0	4	2
19	3	3	2	7	4	5	3	4	4	5	2	4	4
20	1	4	0	3	1	3	2	5	5	3	3	1	3
21	1	3	0	2	2	4	0	5	0	8	9	11	4
22	4	2	2	2	1	5	2	3	2	1	6	3	3
23	2	5	0	5	4	6	2	3	4	4	6	5	4
24	2	3	4	7	4	6	5	9	7	6	9	8	6
25	5	6	9	4	12	8	9	6	9	4	3	2	6
26	0	2	1	6	2	0	4	2	0	2	1	4	2
27	2	2	1	3	2	2	2	1	0	2	2	2	2
28	2	1	0	0	3	2	1	3	1	0	2	0	1
29	2	2	0	3	0	1	4	1	3	3	1	0	2
30	2	0	2	7	4	0	-	12	0	0	2	0	3
31	3	2	0	7	2	5	5	2	0	0	0	3	2
MEAN	2	2	2	3	3	4	3	3	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	4	0	2	0	2	0	0	4	1	1
2	3	0	2	2	5	1	0	1	5	3	5	3	3	3
3	0	2	0	5	2	3	2	0	0	0	0	3	1	1
4	2	2	0	5	3	0	0	1	3	2	7	5	3	3
5	0	3	5	2	7	0	6	2	0	0	0	0	1	1
6	2	0	0	4	0	0	2	3	2	0	3	2	1	1
7	0	0	2	0	2	3	0	0	0	6	2	3	3	3
8	0	4	0	3	7	3	0	0	2	2	0	0	1	1
9	2	2	0	0	3	0	0	3	0	0	2	2	1	1
10	3	0	0	2	2	0	3	0	2	0	2	2	1	1
11	0	3	0	0	3	0	2	0	5	0	2	0	1	1
12	2	0	0	0	3	2	0	0	0	5	0	0	3	3
13	3	3	2	3	3	3	7	2	2	2	3	3	2	2
14	2	2	2	2	2	0	3	0	3	0	5	7	3	3
15	0	2	5	0	3	0	3	0	7	5	7	2	5	5
16	4	9	5	9	4	4	4	0	3	3	5	2	3	3
17	2	5	7	7	3	4	4	0	2	3	3	4	4	4
18	5	7	3	7	5	2	0	2	5	4	0	2	2	2
19	0	5	0	5	5	0	0	2	0	2	4	8	5	5
20	5	0	5	7	8	3	5	2	5	5	7	8	5	5
21	5	5	3	7	7	****	2	3	2	2	0	2	3	3
22	2	2	2	3	2	0	0	2	2	3	2	3	2	2
23	1	2	2	0	7	3	2	5	3	0	5	3	3	3
24	5	2	0	3	5	2	0	0	2	3	3	0	2	2
25	2	2	2	0	2	3	5	0	2	4	2	0	2	2
26	2	0	2	0	0	0	3	3	3	3	1	0	1	1
27	0	0	0	2	0	3	1	3	2	7	8	5	5	5
28	0	7	3	7	7	5	2	2	2	7	8	5	5	5
MEAN	2	2	2	3	4	2	2	1	2	2	3	3	2.4	2.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	0	0	0	2	0	3	7	0	3	2	2
2	2	0	0	3	2	5	0	0	2	2	7	3	4	4
3	5	3	5	9	4	2	0	2	2	0	4	5	2	2
4	0	2	2	0	2	0	0	0	2	2	4	3	1	1
5	2	0	2	0	0	2	3	2	3	3	3	2	3	3
6	3	0	5	2	5	2	1	2	2	3	0	3	2	2
7	0	0	0	4	8	2	0	0	0	0	9	5	2	2
8	0	0	3	3	8	4	****	14	2	2	2	8	4	4
9	0	2	3	5	9	2	7	2	5	2	6	2	2	2
10	3	2	3	5	9	2	7	2	5	2	6	2	2	2
11	2	7	7	7	6	3	3	4	4	2	9	2	5	5
12	4	5	5	2	0	5	3	4	0	5	0	5	3	3
13	2	5	3	5	9	3	7	3	2	3	4	2	4	4
14	2	6	3	5	6	2	3	3	0	2	2	3	3	3
15	2	0	0	0	0	2	0	0	2	0	1	0	1	1
16	4	3	0	5	7	0	3	3	1	2	2	2	2	2
17	0	3	0	3	3	0	0	2	0	1	3	2	1	1
18	0	2	0	3	2	2	2	2	0	0	4	2	2	2
19	3	2	1	2	1	2	3	2	5	0	3	2	2	2
20	0	2	2	3	3	2	3	2	5	0	3	2	2	2
21	2	5	5	7	13	4	3	2	5	2	2	0	4	4
22	2	2	3	1	3	0	2	2	3	2	5	0	1	1
23	2	0	2	2	0	2	0	2	2	1	2	4	2	2
24	0	1	2	2	4	0	0	3	2	2	2	3	3	3
25	2	3	2	3	6	4	7	5	0	2	0	2	2	2
26	1	2	0	6	3	3	2	3	2	1	5	0	2	2
27	0	0	2	2	2	0	5	3	3	3	2	5	2	2
28	0	0	2	3	3	0	4	2	3	3	0	0	2	2
29	3	0	2	2	5	1	2	1	2	2	2	2	2	2
30	0	0	2	2	2	2	1	2	2	2	2	2	2	2
31	2	0	0	9	5	0	2	4	3	0	0	6	3	3
MEAN	2	2	2	3	4	2	2	3	2	2	3	3	2.5	2.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	3	3	2	3	2	3	3	0	2	3	2	
2	0	0	2	5	1	2	3	0	4	2	3	3	2	
3	3	1	0	2	3	3	5	7	2	4	0	0	3	
4	6	2	5	4	4	5	5	6	2	7	2	3	4	
5	2	0	3	1	3	0	2	2	2	2	2	3	4	
6	1	7	0	6	2	11	2	3	1	2	2	0	3	
7	3	2	0	3	3	0	2	0	0	4	0	1	2	
8	2	0	0	5	0	3	0	2	2	0	5	0	2	
9	3	2	0	0	3	1	0	3	2	2	5	2	2	
10	0	2	2	5	3	2	3	5	2	0	2	2	2	
11	0	0	0	3	3	3	3	4	4	2	2	0	2	
12	0	2	0	2	2	0	1	0	3	1	2	2	1	
13	0	0	2	1	2	2	2	0	0	0	1	2	1	
14	0	0	0	0	0	2	2	0	2	0	2	0	1	
15	3	0	2	0	0	2	2	0	0	2	2	2	1	
16	0	1	2	0	1	2	0	3	2	3	2	3	2	
17	0	2	2	0	7	5	2	3	0	2	0	2	2	
18	0	3	0	5	2	6	2	3	2	2	2	3	2	
19	0	0	2	2	3	2	1	0	0	3	0	1	1	
20	2	2	2	0	3	2	1	0	0	3	0	1	1	
21	0	0	1	0	0	0	2	2	0	2	0	2	1	
22	0	0	0	3	0	0	3	2	0	2	2	0	1	
23	0	3	0	2	2	3	0	0	0	3	2	5	2	
24	3	2	5	0	2	2	1	0	2	0	2	0	2	
25	2	2	0	2	3	5	0	0	0	1	3	5	2	
26	3	2	3	5	2	0	3	2	1	2	2	0	2	
27	4	0	2	0	2	0	2	5	0	2	2	0	2	
28	2	0	0	2	0	0	3	2	2	7	2	0	1	
29	3	0	0	0	0	2	0	0	3	3	0	2	1	
30	2	0	0	2	2	0	0	3	0	0	0	2	1	
MEAN	2	1	1	2	2	2	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	2	0	2	0	2	0	0	2	1	
2	0	2	2	3	1	0	0	2	0	0	2	0	1	
3	2	0	2	2	3	0	5	0	5	2	2	2	2	
4	0	0	2	3	3	2	3	1	0	0	2	0	1	
5	2	1	3	0	2	3	2	5	2	2	3	2	2	
6	0	0	2	0	3	0	4	3	0	0	3	2	1	
7	0	3	0	0	3	2	2	2	1	1	0	2	1	
8	3	0	0	3	3	12	9	3	3	0	2	1	3	
9	3	2	12	5	0	0	2	5	0	0	4	0	3	
10	5	0	0	0	0	4	0	2	2	3	0	4	2	
11	2	2	5	7	0	2	3	3	3	2	3	2	3	
12	5	4	3	9	3	5	3	5	2	0	4	2	4	
13	3	0	5	9	5	3	5	5	3	5	3	0	4	
14	3	0	7	5	5	7	3	5	2	5	9	5	5	
15	0	2	5	3	3	2	3	9	2	4	7	0	3	
16	0	2	3	12	3	7	5	3	5	0	0	3	3	
17	2	0	2	5	2	5	3	0	3	3	3	3	3	
18	2	3	2	2	3	3	3	3	2	5	5	5	5	
19	6	9	10	11	2	3	3	3	2	2	5	0	3	
20	3	3	0	3	4	5	5	5	5	1	0	0	1	
21	0	0	0	0	0	0	1	1	2	0	0	2	1	
22	0	0	2	1	0	1	2	2	2	0	2	2	1	
23	5	2	3	8	3	*****	2	3	6	4	4	1	4	
24	5	5	4	6	14	3	5	2	3	5	7	5	5	
25	3	2	1	2	5	0	1	2	2	1	3	3	2	
26	2	3	3	3	5	3	2	3	1	3	3	5	3	
27	9	9	3	4	3	6	9	3	2	7	5	3	5	
28	2	4	3	3	5	3	2	3	2	2	3	2	3	
29	0	2	2	3	4	3	0	2	2	3	2	1	2	
30	2	3	4	3	5	2	2	0	0	2	2	3	2	
31	3	2	0	4	2	2	2	0	0	0	0	0	1	
MEAN	2	2	3	4	3	3	3	3	2	2	3	2	2.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - JUN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	2	0	3	0	0	0	2	0	1
2	2	3	2	4	2	1	0	0	1	1	0	1	1
3	0	0	1	1	0	1	1	1	0	2	0	3	1
4	2	1	2	2	2	0	2	2	1	1	0	2	1
5	2	0	2	2	0	0	0	2	0	0	2	0	1
6	3	1	2	0	2	3	3	0	2	2	0	0	2
7	2	2	2	4	2	2	2	2	3	0	3	3	2
8	3	2	3	5	0	3	0	0	0	2	0	0	2
9	0	0	0	1	0	2	1	0	1	1	0	0	1
10	0	2	0	2	0	0	0	2	0	0	3	1	1
11	0	3	1	2	1	0	0	0	0	2	2	0	1
12	1	0	3	0	0	0	0	0	1	0	0	0	0
13	0	0	0	2	1	1	0	2	1	0	0	2	1
14	0	2	0	0	0	0	0	0	0	0	2	2	1
15	0	0	0	0	0	1	2	2	0	0	2	2	1
16	5	0	0	2	2	0	3	0	0	5	4	0	2
17	0	4	3	0	3	2	0	3	0	0	5	0	2
18	3	0	5	0	0	2	3	0	0	0	2	2	1
19	***	***	***	***	***	***	***	5	0	2	2	0	*****
20	0	3	0	0	1	5	2	2	2	2	5	0	2
21	3	1	3	5	4	0	0	2	0	0	2	2	2
22	0	2	0	2	0	0	0	4	2	0	0	1	1
23	0	0	0	3	0	2	0	0	0	2	0	0	1
24	0	0	0	0	0	0	2	0	0	0	0	0	0
25	0	0	0	3	0	2	2	0	0	0	1	2	1
26	0	2	1	2	0	0	2	2	0	0	0	0	1
27	0	2	2	0	0	2	0	0	0	0	1	0	1
28	2	0	0	2	2	0	0	2	0	3	0	0	1
29	2	0	0	0	0	3	0	2	***	0	0	7	1
30	0	2	0	3	0	2	0	0	0	2	0	2	1
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - JUL 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	0	2	2	2	0	0	3	0	1
2	0	0	2	0	2	0	3	0	3	0	4	0	1
3	0	0	0	3	7	0	0	3	0	2	0	0	1
4	0	0	0	3	3	0	0	0	3	0	5	2	1
5	2	3	0	4	0	5	2	0	0	0	3	0	2
6	7	0	0	3	0	3	***	3	0	5	0	5	2
7	1	2	2	5	3	3	0	3	2	5	2	6	3
8	2	0	0	3	0	3	0	1	1	0	3	0	1
9	2	0	0	0	0	4	0	3	3	0	2	0	1
10	3	2	0	3	0	0	0	2	3	0	0	0	1
11	2	0	2	2	0	2	0	2	0	2	0	0	1
12	2	0	0	2	6	2	2	0	3	0	3	1	2
13	3	0	3	4	3	5	2	5	2	2	2	2	3
14	3	3	0	4	3	2	0	1	0	1	3	1	2
15	1	2	2	0	5	0	3	0	2	2	1	2	2
16	0	0	0	0	0	0	3	1	0	0	1	0	0
17	1	0	0	2	0	1	0	2	2	5	0	6	2
18	3	3	0	3	2	3	2	2	0	0	3	0	2
19	4	2	8	6	3	5	2	2	2	1	3	6	4
20	4	2	7	11	2	4	0	***	2	0	5	2	4
21	5	2	3	3	3	2	1	0	0	7	2	3	3
22	2	2	1	0	3	3	2	3	1	2	1	3	2
23	1	3	2	0	3	0	3	0	1	0	0	0	1
24	2	0	1	2	0	0	2	1	0	0	2	0	1
25	2	2	5	5	3	3	3	2	3	3	2	3	3
26	0	0	9	0	3	3	2	3	0	2	0	0	2
27	3	0	0	2	5	0	3	3	1	1	0	0	2
28	0	2	3	0	1	3	2	0	3	0	2	0	1
29	0	3	3	0	2	0	0	3	2	0	0	2	1
30	0	0	2	2	0	0	0	0	2	2	0	0	1
31	0	5	2	5	7	3	3	1	2	0	3	2	3
MEAN	2	1	2	3	2	2	1	2	1	1	2	1	1.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	2	3	6	0	0	2	3	2	3	4	3	
2	5	3	2	5	2	2	3	0	1	5	0	0	3	
3	0	2	2	0	2	5	0	0	3	1	0	0	1	
4	0	0	0	3	0	2	0	5	0	0	0	3	1	
5	3	0	2	2	9	2	2	2	0	0	2	2	2	
6	2	2	2	5	0	3	3	0	2	0	3	0	2	
7	5	0	3	2	2	***	3	0	2	0	3	0	2	
8													*****	
9													*****	
10													*****	
11	-	-	-	-	-	***	0	7	3	2	2	0	*****	
12	3	5	4	0	0	2	0	1	3	2	2	2	2	
13	2	3	3	2	3	0	3	2	2	3	0	2	2	
14	0	0	2	5	3	2	3	4	2	5	2	9	3	
15	9	7	5	5	3	5	0	0	3	0	2	7	4	
16	2	5	9	2	3	2	3	0	2	2	2	0	3	
17	2	2	0	5	3	2	3	2	2	3	2	2	2	
18	3	2	3	12	7	4	5	3	2	3	2	2	4	
19	0	5	3	0	5	4	3	3	0	2	0	2	2	
20	3	2	2	0	2	0	2	0	2	5	0	0	2	
21	2	0	0	3	4	4	***	0	2	0	2	5	2	
22	5	5	7	9	9	3	3	0	5	3	12	5	6	
23	3	4	6	13	9	5	7	12	7	7	0	1	6	
24	2	2	7	12	9	7	12	7	7	2	0	3	6	
25	0	2	2	5	9	5	1	3	9	3	9	0	4	
26	7	3	7	0	3	0	5	0	0	2	9	0	3	
27	5	0	2	4	17	7	15	6	0	0	2	0	5	
28	2	0	2	4	4	1	4	2	5	2	0	0	2	
29	0	2	0	5	0	4	0	0	0	5	0	2	2	
30	2	4	2	9	5	4	4	0	3	0	0	0	3	
31	5	3	3	5	3	7	4	3	0	3	3	9	4	
MEAN	3	2	3	4	4	3	3	3	2	2	2	2	3.0	

PERCENTAGE OF DATA VALID - 86.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 12.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	5	5	3	4	3	5	3	9	2	2	4	
2	0	5	5	2	2	0	0	2	0	5	6	2	2	
3	2	2	3	6	3	4	9	7	0	3	0	1	3	
4	2	1	0	3	2	3	2	3	0	0	0	3	2	
5	3	0	3	5	7	7	7	2	5	2	5	5	4	
6	2	5	12	3	5	3	12	2	3	2	5	2	5	
7	2	0	7	5	7	2	2	2	3	3	2	0	3	
8	0	0	0	3	3	7	2	2	3	3	2	0	3	
9	0	4	2	4	0	7	2	3	3	7	3	3	3	
10	2	3	0	0	3	0	5	0	0	3	5	2	2	
11													2	
12	2	3	5	13	5	5	7	2	7	2	3	2	5	
13	0	0	3	7	3	7	5	9	0	5	0	0	3	
14	0	2	0	4	2	9	3	5	3	3	2	1	3	
15	4	0	0	2	0	2	2	0	0	3	0	3	1	
16	2	0	2	0	0	2	0	5	0	0	0	2	1	
17	0	2	5	3	0	3	0	4	2	0	0	3	2	
18	2	1	5	7	0	3	***	4	5	0	2	2	3	
19	0	0	5	7	5	7	2	3	7	7	3	5	4	
20	7	7	0	9	9	0	2	5	0	4	4	4	4	
21	7	7	15	19	4	3	2	2	2	3	0	0	5	
22	0	4	3	4	2	4	3	4	2	2	2	3	2	
23	2	0	5	7	5	2	0	2	0	4	5	9	3	
24	4	7	2	5	0	0	2	0	3	2	2	3	2	
25	5	0	2	0	0	0	2	0	0	3	2	3	2	
26	3	0	5	9	7	0	2	2	3	4	3	2	2	
27	2	7	3	3	5	2	2	3	4	5	3	3	3	
28	0	0	3	0	0	3	2	0	3	2	0	0	3	
29	3	0	5	9	7	2	2	7	2	0	2	9	2	
30	7	7	12	7	3	1	5	3	3	5	0	2	3	
MEAN	2	2	4	5	3	3	3	3	2	3	2	3	3.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	4	5	5	5	2	3	5	2	3	
2	0	0	2	3	0	1	2	5	2	4	6	2	2	
3	6	2	2	9	9	4	5	4	3	2	6	2	5	
4	5	0	0	2	6	2	0	5	2	0	2	2	2	
5	2	0	2	2	0	3	3	3	3	4	0	3	2	
6	0	2	4	4	2	4	3	0	3	2	4	2	3	
7	2	3	4	2	8	5	9	9	7	3	7	5	5	
8	6	7	6	6	8	0	2	2	2	2	3	2	4	
9	2	1	1	2	2	2	3	0	0	2	5	0	2	
10	3	2	1	0	2	3	1	2	2	3	5	0	2	
11	2	2	0	2	2	2	2	2	2	6	7	2	3	
12	1	2	0	3	0	2	0	0	2	2	2	2	1	
13	5	2	0	3	2	3	0	0	0	2	0	2	2	
14	0	0	2	0	3	3	1	0	3	2	0	0	2	
15	0	2	0	2	2	0	2	0	2	0	2	3	1	
16	2	2	2	2	6	0	6	2	3	3	4	3	3	
17	1	1	0	2	0	0	1	2	0	0	2	0	1	
18	0	2	2	1	2	2	2	0	2	1	3	0	1	
19	3	2	2	0	2	3	2	3	5	4	5	4	3	
20	3	2	4	3	5	3	3	3	2	2	0	0	3	
21	0	0	2	1	2	0	2	0	2	0	0	3	1	
22	3	2	0	3	0	3	2	3	2	3	0	0	2	
23	1	0	0	2	0	1	3	0	3	4	15	9	3	
24	8	7	2	0	1	3	1	0	0	5	1	2	3	
25	2	1	1	3	2	0	1	0	3	3	0	1	2	
26	0	0	1	3	1	3	2	0	5	0	2	3	2	
27	0	0	2	0	2	3	0	0	2	1	2	0	1	
28	0	0	0	7	6	6	3	1	2	6	5	3	3	
29	5	0	3	3	26	5	7	3	2	0	1	0	5	
30	2	0	0	0	3	0	3	2	2	5	5	9	3	
31	7	6	2	3	5	5	5	2	2	2	0	3	4	
MEAN	2	2	2	2	4	2	3	2	2	2	3	2	2.4	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	6	21
FEB	28	2.4	5	9
MAR	31	2.5	5	14
APR	30	1.8	4	11
MAY	31	2.7	5	14
JUN	29	1.1	2	7
JUL	31	1.7	4	11
AUG	26	3.0	6	17
SEP	30	3.0	5	19
OCT	31	3.3	7	17
NOV	30	3.9	11	19
DEC	31	2.4	5	26
YEAR	359	2.6	11	26

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	289	77	4	0	1	0	0	371
FEB	273	62	0	0	0	0	0	335
MAR	310	59	2	0	0	0	0	371
APR	331	28	1	0	0	0	0	360
MAY	297	69	5	0	0	0	0	371
JUN	342	10	0	0	0	0	0	352
JUL	339	30	1	0	0	0	0	370
AUG	247	67	7	1	0	0	0	322
SEP	264	89	5	1	0	0	0	359
OCT	265	92	9	1	0	0	0	367
NOV	227	116	12	4	0	0	0	359
DEC	312	58	1	0	1	0	0	372
YEAR	3496	757	47	7	2	0	0	4309

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.4	0	0.0	0.6	1.7	2.6	5.0	6.8	8.7	11.1	26	2.6

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - JAN 78

STATION - C NO 47041	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	2	0	3	3	3	0	2	3	2
2	2	3	2	3	5	2	12	2	4	5	2	0	4
3	2	0	3	8	3	4	0	0	0	2	3	2	2
4	2	0	3	7	6	3	4	3	3	3	3	1	3
5	2	5	10	10	5	3	4	3	4	3	3	2	5
6	0	2	0	3	0	2	3	0	3	2	0	1	1
7	1	0	2	2	1	2	3	4	5	4	1	6	3
8	5	3	2	4	2	2	2	4	2	3	2	3	3
9	0	0	0	0	0	2	0	2	1	3	2	3	1
10	0	2	2	3	2	2	3	2	1	0	0	3	2
11	0	4	0	2	2	0	3	***	3	6	0	0	2
12	2	2	4	0	2	3	2	2	3	3	4	2	2
13	3	1	3	2	2	1	3	3	3	2	2	3	2
14	0	0	2	0	3	0	2	2	3	0	3	2	1
15	3	2	5	4	0	0	2	0	3	3	2	2	2
16	0	2	5	6	2	9	4	1	4	3	8	13	5
17	15	15	13	2	7	***	7	3	3	3	2	0	6
18	0	5	2	0	0	2	1	5	2	0	4	16	3
19	15	11	13	19	6	5	0	2	0	5	3	0	7
20	2	0	3	2	2	3	3	3	2	2	7	0	2
21	5	0	0	0	2	2	0	0	2	2	9	5	2
22	9	9	11	8	5	5	0	0	3	3	2	5	5
23	2	7	3	3	0	4	3	2	5	6	3	2	3
24	3	0	6	2	11	7	7	5	0	11	5	6	6
25	11	9	6	2	5	***	3	9	0	5	2	2	5
26	0	1	0	4	2	5	2	3	3	2	3	2	2
27	2	2	5	0	0	3	0	0	3	2	0	0	2
28	2	2	5	5	0	0	3	0	3	2	0	2	3
29	2	5	3	3	0	2	2	6	2	0	4	8	2
30	0	2	0	3	3	0	4	0	2	0	4	8	2
31	20	11	17	6	2	2	6	7	1	6	6	0	7
MEAN	4	3	4	4	3	3	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	3	0	2	0	0	0	3	3	1	
2	7	2	0	2	0	6	5	2	3	1	7	7	4	
3	11	13	3	0	4	0	2	0	3	0	7	5	4	
4	5	11	15	16	7	3	0	9	6	8	15	11	9	
5	15	6	2	0	2	3	2	0	5	2	0	3	1	
6	1	3	0	0	0	0	1	0	3	2	0	0	1	
7	3	3	0	2	2	1	2	3	2	3	2	2	2	
8	3	0	0	2	2	2	0	2	0	3	0	3	1	
9	2	1	0	1	0	0	2	0	0	2	2	2	1	
10	6	4	3	13	13	4	3	0	0	4	1	2	4	
11	3	2	0	0	0	1	0	0	2	2	0	2	1	
12	0	2	0	2	0	0	2	0	2	0	0	3	1	
13	2	0	5	1	2	0	3	0	5	1	2	0	2	
14	3	2	5	2	3	2	0	0	0	2	6	4	2	
15	15	15	6	15	5	3	2	2	5	8	3	3	7	
16	3	8	3	3	6	3	3	0	11	5	5	2	4	
17	4	3	2	5	3	0	3	0	3	0	3	9	3	
18	7	5	2	3	3	2	2	2	0	1	0	3	3	
19	1	0	3	2	1	0	7	3	5	8	3	4	3	
20	3	1	7	10	5	2	3	2	0	2	7	0	4	
21	5	2	3	5	3	1	5	5	0	2	2	0	3	
22	2	0	2	0	0	3	0	1	3	0	2	0	1	
23	0	0	2	6	1	5	2	2	0	5	2	3	2	
24	7	5	0	2	2	0	2	0	1	2	2	6	3	
25	5	2	6	2	3	0	2	0	2	2	0	0	2	
26	5	0	2	2	5	2	0	3	2	1	2	2	2	
27	0	1	2	2	4	2	2	5	0	3	2	2	2	
28	5	3	3	0	6	2	3	2	3	2	5	7	3	
MEAN	4	3	3	4	3	2	2	2	2	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	5	5	2	1	0	4	3	2	5	0	5	3	
2	2	0	7	3	2	0	2	2	0	7	6	15	4	
3	7	4	6	5	9	0	2	4	2	3	0	2	4	
4	3	3	0	2	2	2	2	0	8	4	0	3	2	
5	5	0	2	2	0	2	0	0	0	3	2	2	2	
6	3	9	3	7	2	7	2	2	2	0	2	3	4	
7	4	2	2	6	2	2	0	0	2	0	2	0	2	
8	2	5	8	13	11	2	5	2	2	2	4	6	5	
9	13	7	12	15	13	6	0	4	2	7	1	3	7	
10	6	3	11	11	1	3	8	2	7	2	0	3	5	
11	2	8	9	7	9	3	5	0	5	7	7	3	5	
12	8	6	3	7	4	7	2	2	2	3	0	6	4	
13	3	5	8	8	7	3	6	5	3	5	3	0	5	
14	3	3	0	8	5	0	3	1	3	2	4	2	3	
15	0	0	0	2	0	0	0	0	0	5	2	1	1	
16	2	0	5	0	0	0	5	3	5	6	5	9	3	
17	8	8	3	6	0	1	0	3	2	2	5	6	4	
18	4	4	5	2	0	2	0	3	2	3	0	0	2	
19	2	2	3	2	2	0	0	1	0	5	2	0	2	
20	4	6	5	5	5	2	3	2	3	4	0	0	3	
21	2	2	5	8	15	4	2	0	2	2	2	2	4	
22	4	2	2	2	2	0	4	0	2	5	2	0	2	
23	2	5	2	2	0	1	0	2	5	3	0	2	2	
24	3	0	3	0	5	0	2	0	3	2	3	2	2	
25	3	2	2	6	0	5	0	3	0	0	2	5	2	
26	0	0	1	3	2	2	0	3	4	7	3	2	2	
27	3	0	0	4	0	0	1	2	2	0	2	2	1	
28	2	9	2	5	3	4	3	2	2	3	5	7	4	
29	2	0	0	2	2	2	2	0	2	3	0	2	2	
30	3	4	2	0	3	6	2	0	2	0	3	2	2	
31	0	4	0	0	5	3	3	3	2	1	2	0	2	
MEAN	4	3	4	5	4	2	2	2	3	3	2	3	3.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 47041												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	3	0	5	5	3	3	0	0	3	0	0	2
2	5	0	0	2	2	6	0	5	2	1	0	5	2
3	0	5	2	2	0	3	0	2	0	3	0	3	2
4	0	3	2	10	3	2	11	5	8	5	5	0	4
5	6	1	2	5	0	2	5	0	4	0	0	1	3
6	3	9	2	0	0	2	1	0	3	0	0	2	2
7	3	2	0	2	2	2	0	2	2	3	0	1	2
8	11	0	0	0	0	1	0	0	0	1	0	5	2
9	0	5	2	2	1	0	2	0	1	2	2	2	2
10	0	4	2	0	0	0	0	4	2	0	2	0	1
11	0	0	2	4	5	2	2	3	2	0	0	4	2
12	2	3	3	2	2	3	***	0	4	0	3	7	3
13	4	5	4	0	3	0	2	5	4	0	3	5	3
14	0	6	0	0	3	0	0	3	1	0	2	1	1
15	0	0	2	0	0	0	0	5	0	0	0	0	1
16	0	2	2	0	0	0	2	0	7	3	2	1	2
17	2	2	0	2	0	3	0	0	2	0	3	2	1
18	0	5	0	11	3	2	0	0	4	0	2	0	2
19	2	3	3	5	0	0	0	0	0	2	0	0	1
20	4	0	5	2	0	3	2	0	8	0	2	2	2
21	0	3	0	3	0	2	0	3	3	0	2	5	2
22	3	3	0	3	0	0	5	2	0	3	7	3	2
23	2	2	2	0	0	3	0	8	0	0	0	1	2
24	7	0	2	11	1	2	2	0	0	3	0	7	3
25	2	0	0	0	0	0	0	0	0	0	2	0	1
26	11	7	2	5	2	0	0	5	2	3	0	0	3
27	0	2	0	0	0	2	0	0	4	2	0	0	1
28	4	11	3	0	3	0	2	0	6	4	4	2	3
29	4	2	4	2	3	0	2	0	2	7	0	2	2
30	2	1	2	9	2	4	0	0	0	2	0	0	2
MEAN	3	3	2	3	1	2	1	2	2	2	1	2	2.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 47041												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	7	0	1	0	0	3	0	0	4	0	2	0	1
2	4	2	0	4	2	0	3	2	0	0	2	0	2
3	3	1	1	0	0	0	2	0	9	0	0	0	1
4	7	0	7	7	1	2	3	4	4	0	0	0	3
5	0	0	3	0	7	12	5	3	0	2	5	0	3
6	0	3	2	7	0	2	0	3	3	0	3	2	2
7	0	0	3	0	0	7	0	9	0	3	12	3	3
8	0	0	5	15	2	0	7	0	2	5	0	7	3
9	3	7	2	2	0	5	0	2	2	5	0	7	3
10	0	2	0	0	0	3	0	3	0	3	9	0	2
11	5	0	2	0	5	5	0	3	3	9	0	3	3
12	9	0	7	5	3	3	0	0	3	2	0	7	4
13	0	0	12	3	5	0	0	0	2	3	5	4	3
14	2	0	2	0	2	2	0	0	0	5	0	0	1
15	3	0	0	0	0	0	0	2	3	5	3	2	2
16	3	0	3	0	0	3	2	0	0	0	0	3	1
17	2	3	0	3	0	0	7	3	0	2	0	3	2
18	9	4	2	2	2	0	2	4	0	4	0	1	3
19	0	2	4	5	0	0	3	0	2	0	3	0	3
20	0	2	2	3	8	2	4	0	4	2	4	1	3
21	6	5	0	2	0	0	1	0	0	0	0	0	1
22	0	2	4	2	0	0	3	2	2	9	3	2	2
23	0	4	1	4	5	0	3	0	3	0	0	0	2
24	7	3	0	3	2	2	0	1	2	0	2	2	2
25	0	5	0	2	0	0	0	0	0	2	1	3	1
26	4	3	5	5	3	2	3	2	3	2	2	3	3
27	3	2	3	3	2	0	0	0	2	0	0	0	2
28	7	2	9	0	4	0	0	0	0	2	2	0	1
29	0	0	3	4	0	5	3	3	0	3	0	0	2
30	0	2	2	2	0	5	3	0	0	0	0	0	2
31	2	0	0	0	0	0	0	3	0	0	0	2	1
MEAN	3	2	3	3	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	0	0	2	0	3	3	0	0	1	
2	0	0	0	3	0	2	0	3	0	0	0	0	1	
3	2	0	0	1	0	0	0	2	0	0	0	0	1	
4	2	0	0	0	0	0	2	0	2	2	0	0	1	
5	2	2	0	0	0	2	0	0	3	0	3	3	1	
6	0	2	0	3	0	3	0	3	0	5	0	3	2	
7	0	0	0	3	5	2	3	0	2	3	2	2	2	
8	0	0	3	3	3	2	0	0	2	0	2	2	1	
9	0	5	2	0	2	0	0	0	0	0	0	2	1	
10	2	0	2	2	0	0	0	0	3	2	0	2	1	
11	2	0	0	0	0	3	0	2	2	0	2	3	1	
12	2	0	0	0	0	0	2	0	2	3	0	0	1	
13	2	2	2	0	2	0	2	1	0	2	0	2	1	
14	0	0	0	0	0	0	3	0	0	0	0	2	0	
15	0	0	2	2	0	0	0	0	3	0	0	2	0	
16	0	7	0	3	2	2	0	4	3	0	0	2	1	
17	0	0	2	2	3	3	7	0	3	0	3	2	2	
18	3	0	0	2	0	0	0	0	0	0	0	0	2	
19	0	2	0	2	0	2	5	0	0	3	2	0	1	
20	0	2	5	3	3	0	0	0	2	2	2	0	2	
21	2	2	3	3	2	2	0	3	0	0	0	0	1	
22	2	0	0	2	0	0	3	0	0	0	0	0	1	
23	0	5	0	3	2	0	3	0	0	2	1	0	1	
24	0	0	2	0	3	2	0	0	2	2	0	2	1	
25	2	2	0	0	0	0	0	2	0	3	3	0	1	
26	0	0	0	2	2	2	3	2	0	3	2	2	2	
27	3	0	2	0	***	0	3	3	0	0	5	0	2	
28	3	0	0	0	0	2	2	0	0	0	0	0	1	
29	3	2	5	0	2	0	2	0	0	0	2	0	1	
30	0	7	3	0	3	0	0	0	0	0	0	0	1	
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	3	2	2	0	0	3	0	0	0	0	1	
2	9	5	5	0	0	0	0	0	0	0	0	2	2	
3	2	3	3	0	0	2	2	0	0	0	2	0	1	
4	0	0	2	0	2	0	0	0	2	0	0	2	1	
5	0	7	5	0	0	***	2	3	2	0	0	0	2	
6	2	2	2	0	2	2	0	2	0	0	0	0	1	
7	0	0	0	2	0	0	0	0	0	2	0	0	0	
8	2	0	0	0	2	0	0	0	0	2	2	2	1	
9	0	0	0	3	2	0	0	0	0	2	0	2	1	
10	0	0	0	0	0	2	0	0	0	2	2	2	1	
11	0	0	0	0	0	0	1	0	1	0	1	2	0	
12	2	1	0	1	2	2	0	0	1	0	2	2	1	
13	2	2	1	4	3	2	3	3	0	3	3	2	2	
14	2	2	1	1	0	0	2	3	1	0	1	2	1	
15	2	0	2	2	2	0	1	2	0	0	1	0	1	
16	0	2	1	0	2	0	0	2	2	1	0	2	1	
17	0	1	2	0	1	0	0	2	2	0	1	2	1	
18	4	2	2	1	2	4	2	2	2	2	1	3	1	
19	0	2	6	6	-	***	***	***	***	2	2	0	2	
20														
21														
22														
23														
24														
25														
26	***	***	***	***	***	3	3	1	2	3	0	2	*****	
27	3	2	1	2	1	2	2	1	1	1	0	1	1	
28	0	4	1	2	0	1	1	0	2	1	3	1	1	
29	4	0	0	0	0	1	0	2	1	1	1	2	1	
30	1	0	1	0	2	0	0	0	0	2	2	6	1	
31	4	2	3	2	0	0	2	0	0	3	0	0	1	
MEAN	2	2	2	1	1	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID - 76.9

PERCENTAGE OF DATA INVALID - 22.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 47041												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	1	3	2	2	4	****	0	2	0	2	2	2
2	3	3	3	0	3	2	2	2	2	1	0	2	2
3	0	0	2	0	0	2	0	0	0	0	1	0	0
4	2	0	1	0	0	0	0	2	0	0	2	2	1
5	2	0	3	0	1	0	0	3	2	2	1	0	1
6	0	2	2	2	2	0	2	0	2	2	0	2	1
7	2	3	0	1	2	0	2	0	0	0	0	2	1
8	2	3	2	1	2	2	0	1	0	0	0	3	1
9	0	3	0	2	3	2	2	2	0	0	0	0	1
10	0	0	2	2	0	2	2	0	0	1	0	0	1
11	2	2	4	2	0	0	****	0	0	0	0	3	1
12	5	4	4	3	0	0	2	0	2	2	0	2	2
13	2	0	3	2	0	2	0	2	0	2	4	3	2
14	2	5	3	3	2	0	3	0	1	0	3	2	2
15	2	2	5	3	2	1	2	2	2	0	0	0	2
16	2	4	3	3	2	0	0	0	0	0	0	2	1
17	2	0	0	2	0	0	2	0	2	5	3	2	2
18	1	1	2	1	0	0	2	2	0	0	2	2	1
19	0	0	2	3	0	2	3	0	0	0	2	2	1
20	0	0	1	0	0	1	0	0	0	2	0	2	1
21	0	0	2	3	0	0	0	0	0	2	4	2	1
22	2	1	4	3	3	0	0	0	0	2	2	4	2
23	3	1	2	3	2	3	2	0	3	5	4	5	3
24	2	2	5	3	2	3	4	2	0	0	0	0	2
25	0	0	0	0	0	3	2	2	0	0	1	0	1
26	0	3	0	0	1	0	2	0	0	1	1	1	1
27	0	0	0	2	0	0	0	0	0	0	0	0	0
28	1	0	2	1	0	0	1	0	2	0	0	2	1
29	1	0	0	2	2	0	0	1	0	2	0	0	1
30	2	0	2	2	3	0	****	6	0	2	0	1	2
31	4	3	7	5	2	1	1	0	0	2	2	2	2
MEAN	1	1	2	2	1	1	1	1	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 47041												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	2	2	5	2	1	2	0	0	0	2	2	2
2	3	2	1	0	0	3	3	0	0	2	5	2	2
3	1	4	0	2	0	2	2	3	0	2	0	0	1
4	2	0	3	1	1	0	0	0	3	2	0	2	1
5	2	0	5	1	5	2	0	2	0	0	1	5	2
6	8	2	2	6	0	2	5	0	2	0	0	0	2
7	0	2	0	2	0	0	3	2	2	0	1	2	1
8	3	0	2	0	2	0	2	2	1	2	1	2	1
9	0	2	3	2	0	0	1	0	0	6	0	2	1
10	0	0	0	2	0	0	0	2	0	2	0	2	1
11	3	3	6	1	4	2	2	3	0	0	2	2	2
12	2	2	0	0	0	0	2	0	2	0	0	0	1
13	0	3	0	0	3	3	2	1	2	2	3	2	2
14	0	0	4	0	5	2	2	3	3	2	2	0	2
15	0	0	0	0	0	2	2	2	0	2	2	0	1
16	0	2	2	0	0	4	0	1	0	4	2	0	2
17	3	4	0	2	0	1	0	3	0	3	2	0	1
18	2	0	2	2	2	0	1	3	3	2	3	3	2
19	1	2	2	3	0	0	0	3	8	5	4	4	4
20	3	2	4	3	3	0	7	3					
21	5	3	0	2	0	0	0	4	2	0	0	1	1
22	2	0	0	2	3	0	2	2	0	1	2	2	1
23	4	2	4	5	0	1	0	0	0	0	2	0	2
24	2	0	3	1	2	0	0	0	4	1	0	3	1
25	2	0	2	2	1	0	2	0	3	2	4	2	2
26	0	0	2	0	2	7	2	0	2	0	2	0	1
27	2	2	2	3	***	3	0	5	2	2	0	1	2
28	2	2	2	3	2	2	1	2	2	2	8	6	3
29	3	5	5	7	2	2	2	3	0	3	1	0	2
30	3	2	2	2	2	2	2	3	2	2	3	0	2
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	2	0	4	1	0	1	0	0	1	1	
2	1	6	6	6	2	0	1	2	0	2	7	4	3	
3	7	0	2	2	4	1	3	2	1	2	0	2	2	
4	5	0	3	3	2	1	0	0	2	3	1	4	2	
5	4	4	5	5	2	2	2	2	2	3	1	0	3	
6	2	1	3	1	6	0	3	4	1	2	2	2	2	
7	0	0	0	0	1	0	2	0	1	2	3	0	1	
8	2	0	2	2	0	3	2	3	1	2	3	2	2	
9	4	3	3	3	3	0	0	2	3	5	0	1	2	
10	2	3	3	6	***	5	5	2	2	7	1	2	3	
11	2	5	5	2	5	4	1	0	6	0	2	7	3	
12	0	0	5	2	0	1	0	1	3	2	0	1	1	
13	0	1	4	5	2	3	5	0	3	2	3	0	2	
14	0	0	0	3	0	0	2	0	0	0	2	0	1	
15	2	2	2	1	0	5	0	0	3	0	3	0	2	
16	3	3	0	3	3	0	0	0	3	5	0	2	2	
17	2	3	5	6	4	2	2	0	0	4	3	3	3	
18	2	5	3	0	0	5	3	2	5	2	5	3	3	
19	0	1	0	2	2	2	1	0	2	3	2	0	1	
20	2	2	2	11	3	2	0	0	0	2	2	2	2	
21	7	3	3	3	3	3	4	2	2	4	2	2	3	
22	2	0	5	2	4	1	3	3	1	9	0	0	3	
23	0	3	0	0	2	0	2	3	2	0	3	2	1	
24	2	3	2	1	3	0	4	0	2	0	2	3	2	
25	2	1	4	2	0	4	3	3	2	3	2	2	2	
26	0	3	0	0	2	0	0	2	1	3	1	0	1	
27	0	1	2	3	3	0	1	0	5	2	2	1	2	
28	2	1	2	3	0	3	0	0	0	2	3	0	1	
29	2	0	3	0	3	4	0	0	-	-	-	-	2	
30														
31														
MEAN	2	2	3	3	2	2	2	1	2	3	2	2	2.0	

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 7.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	-	0	0	2	2	2	*****	
2	0	2	1	2	3	0	2	2	2	2	6	8	3	
3	10	7	10	8	8	2	2	3	8	8	3	7	6	
4	7	2	3	5	7	4	10	2	3	7	5	3	5	
5	11	8	3	5	3	5	3	2	2	2	3	3	4	
6	3	2	1	2	1	0	1	0	2	0	0	1	1	
7	0	0	0	3	0	2	0	0	1	2	0	0	1	
8	0	1	0	7	7	2	2	1	0	1	2	1	2	
9	2	2	1	1	5	2	1	0	2	1	0	7	2	
10	5	9	2	6	6	1	3	1	3	2	3	2	4	
11	3	7	4	3	3	5	5	2	2	2	2	0	3	
12	0	0	2	0	0	0	1	0	2	0	1	0	1	
13	0	1	0	1	0	1	1	3	0	2	0	2	1	
14	2	3	2	2	0	0	1	0	0	1	2	1	1	
15	0	2	1	0	2	0	***	3	2	2	2	3	1	
16	0	0	2	0	1	1	1	0	0	1	0	3	1	
17	2	0	0	2	2	2	0	0	1	2	1	2	1	
18	0	0	1	0	0	0	0	0	0	2	0	2	0	
19	2	0	1	0	2	0	1	0	0	0	1	0	1	
20	1	0	0	0	1	1	1	2	2	2	4	0	1	
21	0	0	0	4	0	0	2	1	2	0	2	2	1	
22	2	0	0	0	2	2	1	0	0	2	1	0	1	
23	0	0	3	1	0	2	0	0	2	0	2	0	1	
24	1	0	0	2	2	2	0	2	1	0	0	2	1	
25	0	3	0	0	2	0	2	0	0	1	0	2	1	
26	1	2	2	0	0	0	0	2	1	3	0	0	1	
27	2	2	0	2	0	2	0	0	2	2	2	0	1	
28	2	1	0	0	1	3	2	0	1	3	0	2	1	
29	2	2	0	1	2	2	0	1	2	0	3	0	1	
30	4	2	1	0	1	3	1	***	2	2	1	0	2	
MEAN	2	2	1	2	2	2	2	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 47041

FED MANPOWER BLDG 48 OWEN ST.

BARRIE

MONTH - DEC 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	2	2	2	7	4	1	0	2	2
2	0	1	2	0	1	0	2	0	1	1	1	0	1
3	2	0	2	0	0	4	2	0	2	0	3	0	1
4	2	2	3	1	0	0	2	1	0	0	0	2	1
5	0	0	0	1	4	3	0	1	0	0	2	0	1
6	2	0	2	2	2	2	0	2	1	0	1	0	1
7	1	2	0	1	1	0	2	1	0	2	0	0	1
8	0	3	3	1	0	0	1	0	1	1	0	1	1
9	0	2	0	0	0	0	2	1	0	0	1	0	1
10	2	0	1	0	0	2	2	3	0	1	1	2	1
11	1	0	1	2	0	1	3	2	0	5	5	2	2
12	3	7	2	1	4	0	2	2	2	0	1	2	2
13	1	2	1	0	2	0	1	3	0	2	0	3	1
14	0	2	1	3	0	3	2	1	1	0	0	1	1
15	5	2	3	1	3	0	2	3	2	3	3	0	2
16	4	0	6	2	0	2	2	2	4	2	7	3	3
17	0	2	2	0	0	0	3	0	2	0	0	0	1
18	1	0	0	3	0	1	3	0	3	0	0	0	1
19	0	3	2	2	0	2	2	2	0	3	2	1	2
20	0	1	0	0	2	2	1	2	3	0	0	0	1
21	2	1	2	0	0	3	0	2	0	1	3	1	1
22	3	2	2	0	0	1	3	2	3	0	0	0	1
23	1	0	0	1	2	0	0	2	1	2	5	4	2
24	4	0	1	2	2	0	0	4	0	2	0	2	1
25	2	0	2	1	2	2	0	0	0	0	2	2	1
26	1	0	0	2	0	0	1	0	1	1	0	0	1
27	0	2	1	0	2	0	2	1	2	5	0	1	1
28	2	0	1	2	0	0	0	2	5	7	10	5	3
29	6	5	3	2	5	2	4	3	0	4	2	0	3
30	1	0	1	0	3	1	3	1	3	0	3	5	2
31	4	1	0	3	5	3	3	4	2	0	7	2	3
MEAN	2	1	1	1	1	1	2	2	1	1	2	1	1.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 47041

FED MANPOWER BLDG 48 OWEN ST.

BARRIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	7	20
FEB	28	2.8	9	16
MAR	31	3.1	7	15
APR	30	2.0	4	11
MAY	31	2.1	4	15
JUN	30	1.1	2	7
JUL	23	1.2	2	9
AUG	31	1.3	3	7
SEP	30	1.7	4	8
OCT	29	2.0	3	11
NOV	29	1.7	6	11
DEC	31	1.5	3	10
YEAR	354	2.0	9	20

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 47041

FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	288	63	14	4	0	0	0	369
FEB	265	57	13	1	0	0	0	336
MAR	277	84	10	0	0	0	0	371
APR	309	44	6	0	0	0	0	359
MAY	320	48	4	0	0	0	0	372
JUN	347	12	0	0	0	0	0	359
JUL	277	9	0	0	0	0	0	286
AUG	359	10	0	0	0	0	0	369
SEP	335	24	0	0	0	0	0	359
OCT	308	34	1	0	0	0	0	343
NOV	320	30	1	0	0	0	0	351
DEC	353	19	0	0	0	0	0	372
YEAR	3758	434	49	5	0	0	0	4246

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

96.9

0

10

0.0

30

0.0

CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50

1.2

70

2.0

90

4.3

95

6.0

98

8.2

99

10.5

MAX

20

ARITH

MEAN

2.0

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002

TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9	****	****	-	-	-	0	0	2	0	2	0	3	*****
10	0	0	2	5	0	0	1	4	2	0	3	0	1
11	1	0	2	0	2	0	0	3	4	0	0	0	1
12	2	2	0	5	4	0	0	2	2	0	0	1	2
13	0	3	3	0	2	2	****	****	****	****	****	****	*****
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25	****	****	****	****	****	****	****	4	3	1	2	0	*****
26	2	0	3	0	3	0	0	2	0	3	0	2	1
27	1	0	2	0	0	0	1	1	2	0	2	0	1
28	0	0	3	0	1	0	0	2	0	2	2	0	1
29	0	0	0	2	0	0	0	0	0	0	3	0	0
30	2	0	3	1	3	0	0	0	2	1	2	2	1
31	0	0	3	0	5	3	****	2	2	3	0	3	2
MEAN	1	1	2	1	2	1	0	2	2	1	1	1	1.2

PERCENTAGE OF DATA VALID - 33.6

PERCENTAGE OF DATA INVALID - 65.6

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH - FEB 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	0	5	2	2	0	3	0	1
2	2	2	7	2	5	1	0	3	2	0	4	2	3
3	3	2	0	2	2	0	2	2	2	2	0	2	2
4	1	0	2	0	2	4	2	2	2	2	4	3	2
5	0	1	0	0	1	0	0	1	0	0	0	2	0
6	2	0	2	0	1	3	2	0	2	2	0	0	1
7	3	2	4	0	0	1	2	2	2	0	0	1	2
8	1	1	2	0	2	2	2	1	2	2	2	3	1
9	0	2	1	2	2	1	0	2	0	0	0	2	1
10	0	0	2	0	2	0	2	2	0	0	0	2	1
11	0	0	0	0	0	2	0	0	0	0	2	3	1
12	0	0	2	0	2	0	2	1	0	3	0	0	1
13	2	0	0	0	0	1	0	0	0	0	0	0	0
14	0	0	0	0	2	2	0	0	0	1	1	0	0
15	1	1	0	2	0	5	2	2	0	3	2	2	2
16	5	3	7	3	2	2	0	1	0	2	1	3	2
17	0	3	2	1	3	1	0	0	1	2	0	2	2
18	2	4	2	4	0	2	1	0	0	0	2	0	1
19	0	1	1	1	5	0	2	1	2	2	3	2	2
20	2	1	1	3	5	0	0	2	1	0	0	0	1
21	2	2	0	0	2	1	0	2	1	0	0	0	1
22	2	1	0	2	0	1	0	1	0	0	0	2	1
23	0	2	1	2	0	2	2	***	2	0	0	0	1
24	3	3	2	3	0	2	0	2	0	2	2	0	0
25	0	0	0	3	0	0	0	0	1	0	0	0	1
26	0	0	0	3	0	2	2	0	0	2	2	0	1
27	0	0	0	2	2	0	2	0	0	0	2	0	2
28	2	0	0	1	0	3	0	2	0	3	3	4	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH - MAR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	2	2	2	1	1	2	0	1
2	0	0	3	0	0	2	0	0	0	2	2	2	1
3	0	0	2	0	2	0	2	0	2	0	3	0	1
4	2	0	0	1	2	1	0	2	2	0	0	0	1
5	0	0	3	0	2	1	2	2	3	0	2	0	1
6	0	0	2	0	0	0	0	0	0	0	0	2	0
7	0	0	2	0	1	0	0	0	0	4	1	0	1
8	0	2	1	0	2	0	0	2	0	2	2	2	1
9	2	2	2	2	3	0	2	0	0	2	2	2	1
10	0	2	2	2	3	0	2	0	0	2	2	2	1
11	0	2	0	0	2	3	2	3	2	0	0	7	2
12	5	5	2	2	0	5	0	2	0	2	2	2	2
13	1	2	0	2	2	2	3	0	6	2	0	0	1
14	2	1	0	2	0	2	0	0	2	0	3	0	1
15	2	2	1	0	0	2	2	2	1	2	0	2	1
16	0	2	0	0	1	0	0	5	2	0	0	0	1
17	1	2	2	0	1	2	0	0	2	3	0	0	1
18	1	0	0	0	0	2	0	0	4	0	0	0	1
19	1	2	0	2	2	0	0	0	0	0	0	0	1
20	2	0	0	3	1	0	0	0	0	0	2	0	1
21	0	2	0	2	0	5	2	0	0	0	0	0	1
22	0	0	0	2	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	2	0	0
24	0	0	0	0	0	0	0	0	0	0	0	3	0
25	0	2	0	0	0	0	2	2	0	0	0	0	1
26	0	3	0	0	0	0	0	0	2	2	2	0	1
27	0	0	3	0	0	0	3	0	0	0	0	5	1
28	0	0	3	0	0	0	0	3	0	0	0	0	1
29	2	2	0	0	0	2	0	0	0	0	0	0	0
30	0	0	3	0	0	0	0	2	0	0	0	0	0
31	0	0	2	0	2	2	0	0	0	0	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - APR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	2	3	2	0	0	2	0	0	1
2	2	0	2	0	0	0	0	0	2	0	2	0	1
3	0	0	0	2	0	2	0	0	0	2	2	2	1
4	0	0	0	2	0	2	3	2	0	2	0	0	1
5	0	2	0	0	0	0	2	0	0	0	2	0	1
6	2	2	0	0	0	0	0	1	0	2	4	0	1
7	0	0	2	2	2	0	0	0	0	0	2	0	1
8	2	0	2	0	0	2	0	3	0	0	2	0	1
9	0	2	0	0	0	0	1	0	0	0	0	0	0
10	0	0	1	5	0	0	0	0	2	0	0	2	1
11	0	0	1	0	0	2	0	0	0	0	0	2	0
12	2	2	0	0	0	0	0	0	2	2	0	0	1
13	0	0	0	3	0	0	0	0	1	0	2	0	1
14	0	0	0	0	2	4	2	0	0	2	0	0	1
15	0	0	0	0	0	0	0	3	0	2	0	0	0
16	0	5	0	4	0	0	0	0	1	0	1	0	1
17	0	2	2	5	2	1	0	0	2	0	2	3	2
18	3	0	0	2	2	2	2	0	0	2	0	0	1
19	0	0	2	3	0	2	2	0	0	0	2	0	1
20	0	0	2	0	0	0	1	0	0	0	3	0	1
21	0	0	0	2	0	3	0	0	2	0	3	0	1
22	2	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	3	0	0	0	2	0	3	0	5	0	1
24	0	0	0	3	0	0	2	0	2	0	3	0	1
25	2	0	2	0	0	0	0	0	2	0	3	0	1
26	2	3	0	0	0	0	0	3	2	2	0	0	1
27	0	2	0	2	0	2	0	0	1	2	0	0	1
28	0	0	2	0	2	0	0	0	0	1	2	0	1
29	2	0	0	0	0	3	2	1	0	0	0	0	1
30	0	3	0	2	0	0	0	0	0	0	0	3	1
MEAN	1	1	1	1	0	1	1	0	1	1	1	0	0.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - MAY 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	1	0	2	0	0	0	0	0	2	0
2	0	2	0	0	***	1	3	0	0	2	0	0	1
3	0	3	0	0	2	0	2	3	2	3	2	2	2
4	0	0	3	0	2	2	0	0	2	0	0	0	1
5	0	0	0	0	2	0	2	0	2	2	0	0	1
6	0	0	3	3	2	0	0	2	1	0	0	0	1
7	6	0	3	2	0	4	2	0	3	2	2	2	2
8	1	0	0	2	1	2	1	2	0	0	2	0	1
9	2	2	2	0	1	0	2	0	2	3	0	0	1
10	0	2	3	2	0	0	2	0	3	2	2	0	1
11	0	0	1	0	2	0	0	4	0	0	3	0	1
12	3	2	3	2	1	0	0	3	2	4	2	0	2
13	0	0	0	3	2	4	0	2	0	2	0	0	1
14	1	4	0	0	1	0	2	0	1	0	3	0	1
15	0	0	1	4	0	0	0	2	1	2	2	0	1
16	2	0	2	0	2	2	3	2	0	0	0	0	1
17	1	0	4	1	0	2	0	2	1	0	3	0	1
18	2	2	2	3	1	0	0	1	0	2	1	0	1
19	3	0	0	6	0	4	0	0	1	0	2	2	2
20	0	0	0	2	1	0	2	0	2	1	2	0	1
21	1	0	0	2	0	0	0	0	0	0	0	2	0
22	1	0	2	0	5	2	0	2	0	0	2	0	1
23	4	0	3	0	2	0	0	2	2	2	1	2	2
24	0	2	2	2	2	0	0	0	2	0	2	0	1
25	1	0	0	0	0	0	2	0	2	0	0	0	1
26	0	3	0	0	0	0	0	2	4	1	6	2	2
27	0	4	2	1	2	0	0	1	0	4	0	3	1
28	2	0	0	2	4	0	0	2	0	0	1	2	1
29	0	2	2	0	2	0	2	1	2	0	2	0	1
30	0	3	2	0	2	0	2	0	1	4	0	1	1
31	0	2	0	1	2	2	0	0	1	1	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	1	3	2	0	0	2	3	3	2	1
2	0	0	0	5	0	0	0	0	0	2	2	0	1	1
3	0	0	0	0	2	2	2	0	2	0	0	0	1	1
4	2	2	0	0	0	3	2	3	0	0	2	0	1	1
5	0	0	0	2	2	2	0	0	3	0	0	0	1	1
6	0	0	0	0	2	5	0	0	0	0	0	0	1	1
7	0	2	3	0	0	0	2	2	0	0	0	2	1	1
8	0	2	3	2	0	2	0	2	0	3	0	0	1	1
9	0	2	0	2	0	3	0	0	2	0	0	0	1	1
10	0	3	0	0	0	2	5	0	0	0	0	0	1	1
11	0	0	0	3	0	0	0	0	0	0	0	3	1	1
12	2	2	0	2	2	0	2	0	0	0	0	0	1	1
13	0	2	0	3	0	0	4	0	2	0	0	0	0	1
14	0	2	0	0	0	0	0	0	0	1	2	0	0	1
15	0	0	2	3	0	0	0	0	1	3	3	3	1	1
16	2	2	0	0	0	0	0	2	3	2	3	2	1	1
17	0	3	0	0	0	0	2	0	0	0	2	0	0	1
18	0	0	0	2	0	0	0	0	0	0	0	0	0	1
19	0	0	2	2	0	0	0	0	0	0	0	0	0	1
20	0	0	0	3	0	2	2	0	0	1	2	0	0	1
21	3	0	3	0	1	3	2	0	0	0	0	0	1	1
22	0	3	2	0	0	0	0	2	2	2	0	0	0	1
23	0	0	0	0	0	2	0	2	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	3	0	3	0	1	1
25	2	2	0	0	0	0	2	2	2	2	0	0	1	1
26	2	2	0	0	0	2	2	2	0	2	0	0	1	1
27	2	2	0	0	1	0	2	0	0	3	0	0	1	1
28	2	0	0	0	0	0	3	1	0	0	0	0	1	1
29	2	0	0	0	0	0	0	2	0	0	2	0	1	1
30	0	0	2	1	0	0	0	0	0	0	0	1	0	1
MEAN	1	1	1	1	0	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	0	0	0	0	0	1	2	0	0	1	1
2	0	0	0	3	0	2	0	0	0	2	0	2	1	1
3	0	0	3	0	3	0	0	0	0	0	0	2	1	1
4	0	0	0	0	2	0	0	2	2	2	0	2	1	1
5	0	0	0	0	2	2	0	3	0	0	2	3	1	1
6	3	0	2	0	0	2	0	0	2	0	0	0	1	1
7	0	0	2	0	5	0	0	3	2	0	0	5	1	1
8	0	3	0	3	0	2	3	0	0	0	0	0	1	1
9	3	0	2	0	0	3	0	0	2	0	0	0	1	1
10	2	3	0	0	0	2	0	0	4	0	0	0	1	1
11	0	1	2	2	0	0	0	0	3	0	0	0	1	1
12	3	0	1	0	0	0	3	0	0	2	0	0	1	1
13	0	0	2	0	0	0	0	0	1	1	0	0	0	1
14	0	0	3	0	0	2	0	2	0	0	0	0	1	1
15	0	0	2	2	0	0	0	0	2	0	1	2	1	1
16	0	1	0	0	0	2	1	2	0	2	0	0	1	1
17	0	0	0	2	2	0	0	0	0	0	0	0	1	1
18	0	0	0	0	2	2	0	0	1	2	2	2	1	1
19	3	0	0	3	2	0	2	0	3	0	0	0	1	1
20	0	2	0	0	0	2	0	0	0	0	0	0	0	1
21	0	0	1	0	0	2	0	0	0	0	2	0	0	1
22	0	3	1	0	2	0	0	0	0	0	0	2	1	1
23	0	3	0	2	0	0	2	0	0	0	0	2	1	1
24	0	2	0	0	0	0	0	3	2	0	0	0	1	1
25	2	0	0	0	0	0	0	2	0	0	0	0	1	1
26	0	2	2	3	0	0	***	1	0	0	0	0	0	1
27	0	0	0	2	0	0	0	0	2	0	0	2	1	1
28	0	0	0	0	2	0	0	0	0	0	2	0	0	1
29	2	0	0	0	0	0	0	0	0	0	2	2	1	1
30	0	0	2	0	0	2	0	0	0	0	2	0	0	1
31	0	0	0	0	0	0	0	0	1	1	0	1	0.7	
MEAN	1	1	1	1	1	1	0	1	1	1	0	1		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*-\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - AUG 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	0	0	0	0	0	0	2	0
2	0	0	0	0	2	2	2	0	0	2	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	3	0	0	3	0	0	0	0	0	0	2	0
5	0	0	0	0	0	0	2	0	0	0	2	0	0
6	0	0	0	1	0	0	0	0	2	3	0	0	1
7	2	0	2	1	0	0	0	0	2	0	0	0	0
8	0	0	0	0	0	0	0	***	0	0	0	0	0
9	3	0	2	2	3	0	0	0	3	0	0	0	1
10	0	0	2	0	0	3	0	2	0	0	0	5	1
11	0	0	0	2	0	2	5	0	0	0	0	5	1
12	0	0	2	2	2	0	0	4	0	0	0	0	1
13	2	2	0	3	1	2	0	3	4	0	2	0	2
14	0	1	0	0	0	0	0	0	0	0	0	2	0
15	0	0	0	4	0	0	2	0	0	0	2	0	1
16	2	0	5	2	0	0	0	2	0	3	0	0	1
17	0	3	2	0	2	0	3	0	2	0	0	3	1
18	0	0	0	0	0	0	2	2	0	0	2	0	1
19	0	2	0	0	0	0	0	***	***	***	2	2	1
20	0	0	1	0	0	0	0	2	0	2	0	0	0
21	2	2	0	0	0	0	0	0	4	0	0	0	1
22	3	0	2	3	0	3	2	0	0	2	0	0	1
23	0	0	0	2	0	***	2	0	2	0	0	3	1
24	0	0	2	0	0	2	0	2	3	0	0	2	1
25	0	2	0	0	0	0	0	0	0	0	0	2	0
26	0	2	0	3	0	2	0	0	2	0	2	0	1
27	0	3	0	0	0	0	0	0	0	0	0	0	0
28	1	0	3	5	0	0	0	0	0	0	1	0	1
29	0	0	2	0	0	0	0	0	0	0	3	0	0
30	0	0	0	2	0	4	0	0	0	2	2	0	1
31	0	2	0	2	2	0	0	0	2	0	2	0	1
MEAN	1	1	1	1	0	1	1	1	1	0	1	1	0.7

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	0	***	0	2	0	0	0	2	1
2	2	0	2	0	0	2	2	0	2	2	1	0	1
3	2	2	0	0	0	0	2	2	0	3	1	0	1
4	0	1	0	0	0	0	3	0	3	0	0	0	1
5	3	2	2	0	2	2	0	1	1	0	2	3	2
6	1	0	2	3	2	0	0	0	1	3	3	0	1
7	0	0	0	2	0	0	0	0	2	2	2	2	1
8	0	0	2	2	0	0	0	3	1	0	1	4	1
9	2	1	3	2	0	1	0	2	2	0	0	0	1
10	5	1	0	2	2	0	2	2	2	0	0	2	2
11	0	3	3	0	1	1	4	0	3	2	0	0	1
12	0	1	2	2	2	0	2	0	0	0	0	0	1
13	0	2	0	0	2	2	2	0	0	0	2	1	1
14	2	0	1	2	0	0	1	1	0	2	0	0	1
15	0	0	1	2	1	0	2	0	2	2	0	3	1
16	1	1	0	0	0	1	2	1	0	2	0	1	1
17	2	0	2	0	2	2	0	2	0	0	1	0	1
18	0	1	2	2	1	2	1	0	3	0	2	0	1
19	0	2	0	2	1	0	2	0	2	0	1	0	1
20	2	1	2	0	2	0	0	2	2	2	0	1	1
21	0	2	0	0	0	1	3	2	2	0	2	2	1
22	2	0	3	2	2	0	0	0	2	2	0	1	1
23	0	0	1	3	2	2	0	0	3	0	0	2	1
24	0	2	0	2	2	2	0	2	2	2	0	0	1
25	2	0	2	2	2	3	0	1	3	0	2	0	1
26	2	0	0	2	0	2	0	2	2	0	0	0	1
27	1	1	0	2	1	5	1	2	2	2	0	1	2
28	0	3	2	0	2	0	1	0	0	0	0	1	1
29	0	1	2	2	2	3	0	2	0	1	2	2	1
30	2	0	2	1	2	2	0	2	0	0	0	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - OCT 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	4	0	0	2	1	1	2	1
2	0	2	0	0	2	0	2	1	2	0	0	3	1
3	1	1	0	0	2	0	0	2	1	1	3	2	1
4	3	0	2	0	0	2	0	0	3	2	0	1	1
5	0	3	0	5	0	0	0	1	0	0	0	0	1
6	1	0	0	2	0	2	2	2	0	0	0	1	1
7	0	0	0	0	0	0	0	0	1	0	2	0	0
8	1	0	0	2	3	3	0	0	1	0	1	0	1
9	0	1	2	0	1	2	0	0	2	0	0	2	1
10	1	0	2	1	0	0	0	2	0	0	2	1	1
11	0	1	3	0	0	0	0	0	3	0	2	0	1
12	2	0	2	0	2	3	2	0	1	2	0	0	1
13	0	2	0	3	0	1	0	0	2	2	2	0	1
14	0	0	0	2	0	0	2	2	0	2	0	3	1
15	0	0	1	2	1	2	2	0	1	2	0	2	1
16	0	0	0	0	4	***	2	0	1	0	0	1	1
17	0	0	0	0	1	2	2	0	0	0	0	0	1
18	0	0	3	0	2	0	0	0	0	0	1	0	0
19	1	0	1	0	0	0	2	0	0	0	0	0	0
20	2	0	0	0	1	0	0	0	0	0	0	0	0
21	1	0	0	2	0	0	1	1	3	0	0	0	1
22	1	0	0	2	2	2	0	0	4	0	2	0	1
23	2	0	0	0	0	2	0	1	0	0	0	0	0
24	1	0	0	0	0	4	0	2	2	0	0	0	1
25	0	1	0	2	0	3	2	2	0	0	0	2	1
26	0	2	0	0	0	0	0	0	0	0	2	1	0
27	0	0	0	0	0	2	2	2	0	2	0	0	1
28	0	0	0	0	0	0	0	2	2	0	1	0	0
29	0	1	0	2	0	0	0	0	0	0	0	2	0
30	0	0	2	0	3	0	1	2	0	0	0	3	1
31	0	0	0	1	2	0	0	0	0	2	0	0	0
MEAN	1	0	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - NOV 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	2	1	0	0	2	2	0	1	2	1
2	2	0	0	1	2	0	0	0	1	1	0	0	1
3	0	1	2	2	3	0	1	2	1	0	2	2	1
4	2	2	1	2	0	0	0	0	1	0	0	2	1
5	3	2	3	1	0	0	0	2	1	0	0	0	0
6	0	0	1	1	1	1	2	1	2	0	1	0	1
7	1	3	0	1	0	1	0	0	0	0	0	0	0
8	1	0	0	0	0	2	1	0	2	0	1	0	1
9	0	0	2	0	0	2	1	0	0	1	2	1	1
10	2	0	0	2	0	2	1	0	0	1	2	1	1
11	0	2	0	0	1	2	2	1	1	1	0	0	1
12	2	0	3	0	1	0	0	0	1	1	0	1	1
13	0	2	1	2	0	0	2	0	0	0	2	0	1
14	2	2	0	0	1	0	0	2	1	2	2	2	1
15	0	0	0	0	1	0	0	***	0	1	0	0	0
16	0	1	0	0	1	1	2	0	0	2	0	0	1
17	2	1	0	2	0	0	0	1	0	0	0	2	1
18	1	0	0	0	2	0	1	0	0	0	0	0	1
19	2	0	2	0	0	1	0	***	2	0	0	0	1
20	1	1	0	0	0	0	1	0	1	1	0	0	0
21	0	0	2	1	1	0	0	2	1	1	2	1	1
22	0	0	2	0	1	1	2	0	1	0	0	2	1
23	0	0	2	0	2	2	2	2	0	2	0	2	1
24	0	2	0	1	0	0	2	0	2	0	0	0	1
25	2	0	0	1	0	1	1	2	1	1	2	0	0
26	0	1	1	0	0	3	0	0	0	0	0	0	1
27	0	5	0	0	1	0	0	1	0	1	0	1	1
28	2	0	0	2	0	0	2	0	2	2	0	0	1
29	1	2	0	2	0	0	1	0	0	0	1	1	1
30	3	0	0	0	1	0	0	1	0	0	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	0	2	1	2	4	3	2	1	0	1	
2	0	1	0	0	0	0	2	2	0	1	1	0	1	
3	1	1	0	0	1	0	2	1	0	0	1	0	1	
4	0	1	0	0	0	1	0	1	0	0	0	1	1	
5	0	0	0	0	1	1	2	1	0	0	0	2	1	
6	2	1	0	0	3	1	***	0	3	0	2	0	1	
7	1	0	0	0	0	0	1	5	0	0	0	1	1	
8	0	3	0	0	0	0	0	0	4	0	0	0	1	
9	2	3	0	0	0	0	0	2	0	0	0	2	1	
10	0	0	3	0	3	0	1	0	1	0	2	0	1	
11	1	0	0	0	4	0	0	5	3	1	3	0	1	
12	2	3	0	2	0	0	2	5	2	2	2	0	2	
13	0	1	0	1	0	2	0	0	0	0	1	0	0	
14	2	2	0	0	0	2	0	0	0	0	2	0	1	
15	0	2	0	0	0	0	3	2	2	0	1	1	1	
16	2	0	2	0	2	2	2	1	3	2	0	2	2	
17	0	2	0	2	0	2	0	0	0	2	0	0	1	
18	0	0	0	3	0	0	0	0	2	0	0	0	0	
19	2	0	0	2	0	2	0	0	0	1	1	0	1	
20	2	2	0	0	0	2	0	0	0	2	0	2	1	
21	0	0	0	3	2	0	2	0	0	2	0	3	1	
22	2	0	2	0	0	0	2	0	0	0	0	0	1	
23	3	0	0	0	0	0	0	2	0	0	0	0	0	
24	0	0	0	0	3	2	0	0	2	0	0	0	1	
25	3	0	0	0	3	0	0	0	0	0	3	2	1	
26	0	0	2	0	2	0	0	3	0	0	0	5	1	
27	2	0	0	0	2	2	0	0	0	0	0	3	1	
28	0	2	0	0	2	0	***	3	0	3	1	3	1	
29	1	0	1	0	4	1	2	0	0	2	1	0	1	
30	2	3	0	2	5	0	0	1	2	2	3	1	2	
31	1	0	0	3	2	0	1	0	5	2	1	0	1	
MEAN	1	1	0	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	1.2	2	5
FEB	28	1.2	3	7
MAR	31	0.9	2	7
APR	30	0.7	2	5
MAY	31	1.1	2	6
JUN	30	0.8	2	5
JUL	31	0.7	1	5
AUG	31	0.7	2	5
SEP	30	1.1	2	5
OCT	31	0.7	1	5
NOV	30	0.8	1	5
DEC	31	0.9	2	5
YEAR	343	0.9	3	7

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	122	3	0	0	0	0	0	125
FEB	327	8	0	0	0	0	0	335
MAR	362	8	0	0	0	0	0	370
APR	356	4	0	0	0	0	0	360
MAY	367	4	0	0	0	0	0	371
JUN	357	3	0	0	0	0	0	360
JUL	369	2	0	0	0	0	0	371
AUG	362	5	0	0	0	0	0	367
SEP	357	2	0	0	0	0	0	359
OCT	370	1	0	0	0	0	0	371
NOV	357	1	0	0	0	0	0	358
DEC	364	6	0	0	0	0	0	370
YEAR	4070	47	0	0	0	0	0	4117

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

94.0

0

0.0

0.0

0.0

1.1

1.9

2.6

3.3

4.1

7

0.9

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	5	2	2	0	2	2	2	1	3	0	2
2	2	3	2	2	0	0	0	0	2	2	17	4	4
3	5	7	3	3	1	2	0	1	0	3	0	0	2
4	3	3	2	4	9	0	2	2	5	2	2	2	3
5	2	7	2	7	5	5	2	2	2	2	5	0	3
6	2	0	2	2	5	0	2	0	3	0	2	1	2
7	5	3	5	0	3	3	3	3	2	0	2	0	2
8	3	0	3	0	3	0	2	1	0	0	0	0	1
9	2	0	2	0	2	0	3	2	3	1	2	0	2
10	2	2	0	3	3	0	3	2	3	1			
11	2	2	0	2	2	2	3	0	3	3	1	1	2
12	6	2	4	2	1	0	1	0	3	2	7	11	3
13	3	2	2	2	0	2	4	0	0	0	2	0	2
14	3	2	0	2	0	1	3	3	4	3	2	0	2
15	0	2	0	1	0	3	0	0	3	2	3	6	1
16	1	5	0	2	0	5	0	3	0	2	3	3	3
17	6	1	3	0	4	2	2	3	2	3	5	0	1
18	1	2	1	2	1	2	1	0	2	3	3	6	3
19	5	2	5	0	0	3	2	2	2	0	0	3	1
20	5	0	2	0	1	1	2	0	3				
21	0	3	2	2	0	2	3	0	3	2	2	2	2
22	3	3	2	5	2	3	5	1	2	0	1	3	3
23	2	3	4	2	1	3	3	2	3	2	0	2	2
24	5	0	3	2	7	3	4	2	3	6	0	2	3
25	2	3	3	0	4	5	2	1	4	3	3	4	3
26	2	0	1	0	0	2	2	3	0	3	1	4	2
27	1	6	2	1	6	1	2	2	0	2	2	0	2
28	3	0	1	0	0	2	0	3	3	5	2	5	2
29	2	4	2	0	1	0	2	0	0	3	3	1	2
30	0	2	3	0	2	0	2	0	0	1	3	2	1
31	0	0	2	5	1	5	2	1	4	2	11	11	4
MEAN	3	2	2	2	2	2	2	1	2	2	3	3	2.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	7	7	2	0	1	3	0	1	6	2	3	3	3
2	2	1	2	0	5	0	2	1	3	3	2	4	2	2
3	3	2	5	3	0	2	0	0	0	3	5	1	2	2
4	2	0	2	2	0	2	1	0	2	3	0	2	2	2
5	9	2	2	1	4	2	0	2	2	3	0	3	3	3
6	2	7	2	7	0	***	0	2	0	2	0	0	2	2
7	3	3	2	2	0	3	3	2	0	2	5	9	2	2
8	2	0	3	0	0	0	2	0	2	0	2	5	2	2
9	3	3	0	2	0	6	0	2	0	2	0	5	2	2
10	0	1	2	2	0	3	0	2	3	2	7	3	2	2
11	4	1	2	3	2	5	0	0	0	3	2	3	2	2
12	4	0	3	3	3	1	2	0	0	2	1	3	2	2
13	0	0	2	3	2	1	0	3	0	5	5	0	2	2
14	7	0	6	1	5	2	2	3	0	0	4	2	3	3
15	7	5	0	4	6	11	2	3	3	3	9	7	5	5
16	9	3	11	2	6	4	1	2	2	2	5	5	4	4
17	6	2	3	5	3	9	6	3	0	2	2	5	4	4
18	3	0	3	2	5	3	5	3	0	3	3	1	3	3
19	2	0	5	0	0	0	0	0	2	2	5	0	1	1
20	8	13	6	2	7	9	2	0	3	2	3	5	5	5
21	4	2	2	3	1	1	0	3	2	1	0	0	2	2
22	2	0	4	2	1	2	2	0	2	0	0	0	1	2
23	1	1	2	2	2	2	3	2	2	4	0	2	2	2
24	4	2	2	1	5	0	3	0	3	2	4	2	2	2
25	2	0	3	2	0	2	3	0	3	2	0	2	2	2
26	1	0	4	2	3	0	3	0	3	2	0	2	2	2
27	2	2	1	2	2	2	2	2	2	1	2	2	2	2
28	2	3	3	2	3	1	1	0	3	1	5	6	3	3
MEAN	3	2	3	2	2	3	2	1	2	2	3	3	2.4	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	5	4	0	0	3	2	2	1	3	2	2	2
2	2	2	1	1	2	1	1	0	2	1	3	3	2	2
3	2	1	3	1	0	2	0	1	0	2	3	2	1	1
4	2	0	0	2	2	2	1	2	1	3	0	1	1	1
5	0	0	1	0	1	2	2	2	3	0	2	1	1	1
6	0	2	0	1	2	1	***	2	1	2	1	0	1	1
7	2	0	1	0	2	2	2	2	2	1	1	1	1	1
8	1	2	2	2	2	3	1	2	3	2	3	2	2	2
9	0	2	1	2	4	2	1	0	1	2	2	2	2	2
10	5	2	3	2	0	2	2	3	2	2	4	4	3	3
11	2	5	0	2	2	1	1	2	2	1	2	3	2	2
12	3	3	3	3	2	0	2	2	2	2	4	3	2	2
13	3	2	3	4	1	2	1	3	2	1	1	3	2	2
14	2	2	2	0	3	***	0	2	3	2	2	2	2	2
15	2	2	2	2	0	0	1	2	0	2	3	1	1	1
16	1	1	0	2	0	1	2	0	3	3	3	3	2	2
17	4	2	2	3	3	1	0	0	1	1	2	1	2	2
18	2	1	2	3	0	0	0	1	1	2	1	2	1	1
19	1	2	0	3	0	1	0	0	1	0	0	2	1	2
20	2	1	1	2	2	2	***	2	2	3	2	2	2	2
21	2	2	2	2	3	1	2	1	5	2	2	1	2	2
22	1	1	1	2	3	2	2	2	2	7	5	2	3	3
23	1	2	1	2	2	4	4	2	3	2	3	3	2	2
24	1	1	0	1	0	2	1	1	2	0	2	2	2	2
25	3	3	2	1	3	2	1	1	3	1	5	2	1	2
26	3	2	3	1	0	3	2	1	2	2	2	1	2	2
27	1	1	0	3	5	1	0	1	2	0	1	2	1	1
28	1	0	2	3	1	1	0	1	1	1	2	1	2	2
29	3	2	2	2	2	***	1	1	1	2	2	1	2	2
30	3	4	0	2	3	2	0	3	2	5	2	2	2	2
31	2	0	2	3	0	0	2	2	2	4	0	2	2	2
MEAN	2	2	2	2	2	1	1	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	2	0	2	3	2	3	2	1	0	1	2	1
2	0	0	2	2	0	2	0	0	0	0	2	0	1	1
3	2	0	2	2	2	2	2	0	0	2	2	3	2	2
4	2	2	2	1	5	2	3	5	3	5	3	0	3	1
5	2	0	0	2	0	0	0	0	2	0	0	2	2	2
6	2	0	2	1	0	2	2	6	5	2	2	2	2	2
7	2	0	2	4	2	3	2	3	1	0	0	0	1	1
8	0	2	0	2	1	2	1	0	0	2	2	0	1	1
9	2	2	2	2	0	0	4	0	2	3	3	4	2	2
10	2	2	3	2	4	3		0						
11	0	3	0	2	2	4	2	2	5	4	0	4	2	2
12	0	2	0	3	0	1	2	2	0	4	2	2	2	2
13	2	2	3	2	3	3	3	2	0	2	0	2	1	2
14	3	0	2	2	0	2	1	1	2	2	0	2	2	2
15	1	0	3	3	0	0	2	0	2	3	3	5	2	2
16	0	0	3	2	5	0	0	2	2	0	3	2	1	1
17	2	2	2	0	3	0	2	3	0	1	0	0	2	2
18	2	0	2	2	3	0	2	1	0	3	3	2	2	2
19	0	4	3	0	2	2	0	2	11	2	2	2	2	2
20	2	0	2											
21	2	0	2	2	0	2	3	0	0	0	0	0	1	1
22	0	2	0	2	0	2	2	0	2	2	2	3	2	2
23	0	2	3	0	2	0	2	0	0	3	2	3	1	1
24	2	1	2	2	2	2	0	0	0	2	0	1	1	1
25	0	1	2	0	2	1	0	2	1	0	1	1	2	2
26	2	2	4	5	0	2	2	0	3	0	3	2	2	2
27	2	2	2	2	3	3	1	0	3	5	2	5	2	2
28	5	0	0	0	2	0	5	0	0	0	3	0	1	1
29	3	0	2	0	2	2	2	0	0	3	0	0	1	1
30	3	0	2	0	0	0	0	2	0	3	0			
MEAN	2	1	2	2	2	2	2	1	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	3	0	2	2	0	0	1	3	1	1
2	2	2	0	2	2	0	0	0	2	0	0	3	1	1
3	0	0	5	2	0	3	0	0	0	1	0	3	1	1
4	1	0	0	2	1	0	2	0	2	0	0	4	1	1
5	0	2	0	0	2	***	0	0	0	0	0	0	1	1
6	2	0	3	5	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	2	5	3	5	2	2	2	0	3	3
8	5	3	2	2	3	0	3	5	0	2	0	0	1	1
9	2	0	2	0	2	2	0	0	3	0	2	0	1	1
10	3	0	1	2	0	2	0	0	0	0	2	0	2	2
11	2	5	6	8	0	0	4	2	6	0	2	5	3	3
12	0	5	2	6	3	3	0	2	8	2	4	4	1	1
13	0	2	3	1	2	5	0	0	0	0	2	0	1	1
14	0	2	0	2	0	0	2	0	2	0	0	0	1	1
15	0	0	2	0	2	2	0	0	1	0	2	2	1	1
16	0	0	1	2	2	3	2	0	5	0	2	2	1	1
17	0	4	0	0	0	2	2	2	3	0	0	1	1	1
18	0	2	0	0	3	0	4	0	0	0	0	0	1	1
19	2	3	2	0	0	0	3	2	2	2	0	3	1	1
20	2	0	3	5	3	2	0	0	0	2	3	0	2	2
21	2	0	2	0	0	0	2	2	0	2	0	0	1	1
22	2	2	0	0	0	0	2	0	1	2	0	2	2	2
23	2	0	4	0	2	7	3	2	0	3	3	4	3	3
24	2	2	7	2	2	3	2	3	0	0	2	2	2	2
25	3	5	2	0	3	2	0	5	3	0	0	0	2	2
26	2	0	2	2	3	2	2	2	2	2	0	2	1	1
27	0	2	2	2	0	3	0	0	2	0	0	2	2	2
28	0	0	2	4	2	0	3	2	2	2	0	3	1	1
29	0	2	2	0	0	4	2	2	2	2	0			
30	0	0	2											
31	2	3	0	2	2	5	4	0	2	2	0	5	2	2
MEAN	1	1	2	2	1	2	2	1	2	1	1	2	1.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	2	0	2	0	2	0	0	0	1	
2	2	0	0	2	2	3	3	0	3	0	0	3	2	
3	0	2	2	2	5	2	0	1	0	2	0	2	2	
4	0	0	3	2	2	2	0	2	2	0	1	0	1	
5	0	0	3	0	2	0	2	0	3	0	0	3	1	
6	0	2	0	0	2	2	0	0	2	2	0	0	1	
7	2	1	2	2	3	2	2	3	2	6	2	0	2	
8	2	0	2	1	4	2	0	0	0	0	2	2	1	
9	2	0	0	1	0	3	0	2	0	1	3	2	1	
10	0	1	2	0	0	0	1	0	0	1	1	0	1	
11	0	0	0	2	0	2	2	1	2	3	2	0	1	
12	2	3	1	0	4	2	0	4	0	0	1	3	2	
13	2	2	0	2	0	0	2	0	0	0	0	2	1	
14	0	0	2	0	1	0	3	0	0	2	1	0	1	
15	0	0	0	4	3	0	0	1	0	2	2	2	1	
16	0	1	1	0	2	1	2	0	1	3	0	3	1	
17	0	2	0	1	2	3	0	3	0	2	0	0	1	
18	3	2	2	2	0	3	0	3	0	2	0	2	2	
19	0	1	0	2	0	0	2	4	3	1	2	3	1	
20	0	1	2	2	0	2	2	0	0	0	3	0	1	
21	0	2	3	0	2	2	0	2	3	0	2	0	1	
22	2	2	0	2	0	1	2	0	0	0	2	0	1	
23	2	3	0	3	0	0	2	0	2	0	0	2	1	
24	0	2	0	0	2	0	0	1	0	0	2	2	1	
25	0	2	0	2	0	0	0	1	0	0	2	4	1	
26	1	2	1	2	3	2	2	2	2	2	0	2	2	
27	2	2	2	2	0	2	1	0	2	0	0	0	1	
28	2	0	3	0	0	0	1	0	2	0	1	0	1	
29	3	0	2	0	5	0	2	0	2	0	2	0	1	
30	0	2	0	0	3	0	3	0	2	0	6	0	1	
MEAN	1	1	1	1	2	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	0	0	0	2	0	4	0	2	1	
2	0	0	2	0	2	0	3	0	2	0	2	0	2	
3	1	2	0	3	0	2	2	0	8	0	4	1	2	
4	0	5	0	2	0	0	4	0	4	1	1	5	2	
5	0	2	6	0	3	0	-	-	-	-	-	-	*****	
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12	-	-	-	-	-	-	0	0	1	0	0	2	*****	
13	2	1	0	3	0	2	3	0	3	2	3	0	2	
14	0	3	2	0	4	2	1	1	0	3	0	4	2	
15	2	0	2	1	2	0	2	2	0	2	2	1	1	
16	2	1	1	0	2	0	0	3	0	2	0	1	1	
17	0	1	0	0	1	0	0	1	0	2	0	1	1	
18	1	0	2	2	2	2	0	2	0	1	2	0	1	
19	1	2	2	0	2	4	1	2	2	4	3	2	2	
20	3	2	2	2	3	6	2	3	0	0	4	-	2	
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25	-	-	-	-	-	2	0	1	1	0	2	0	*****	
26	1	0	2	2	2	2	2	3	2	2	2	2	2	
27	0	1	2	2	1	0	2	1	0	2	1	0	1	
28	2	0	0	2	2	1	0	0	2	2	2	2	1	
29	4	1	0	2	0	2	0	2	0	1	2	0	1	
30	0	1	0	2	2	0	0	0	2	0	0	0	1	
31	0	2	2	1	3	0	2	2	2	0	1	2	1	
MEAN	1	1	2	1	2	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 62.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 37.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - AUG 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	0	0	2	2	2	0	1	0	2	1
2	0	1	2	0	3	----	2	0	0	1	3	1	1
3	1	0	0	2	0	2	0	0	1	2	0	1	1
4	0	0	2	1	2	1	0	0	2	0	2	2	1
5	0	1	1	2	1	2	2	0	2	0	2	1	1
6	2	0	1	0	2	1	1	1	0	0	2	0	0
7	0	0	0	0	2	0	0	0	0	3	0	0	1
8	1	1	0	0	3	0	1	0	1	2	0	0	1
9	2	2	1	0	2	2	0	2	0	0	2	1	1
10	0	2	0	2	1	0	2	0	0	0	2	1	1
11	2	1	2	0	0	2	0	2	0	2	0	2	1
12	2	1	1	2	0	2	1	0	2	0	1	0	1
13	1	2	2	0	0	0	2	1	2	1	0	2	1
14	0	1	3	1	0	2	0	2	0	1	2	2	1
15	0	1	2	0	2	2	2	1	2	0	2	0	1
16	0	2	2	2	4	0	----	2	1	2	2	0	2
17	2	1	0	1	0	1	1	2	0	0	1	1	1
18	0	2	1	2	0	2	0	0	0	1	0	1	1
19	2	2	0	1	0	0	2	0	0	1	1	2	1
20	0	1	1	1	0	0	0	2	0	0	0	1	1
21	0	1	0	2	2	1	1	0	1	0	1	2	1
22	2	0	0	2	2	1	0	2	2	1	0	1	1
23	0	1	1	1	0	1	2	----	-	-	-	-	-----
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 72.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 26.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - SEP 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8	-	-	-	-	-	-	0	0	2	2	2	0	-----
9	1	0	2	0	2	0	2	0	0	2	0	1	1
10	0	2	0	0	2	0	3	0	0	2	1	0	1
11	2	0	0	1	0	0	2	0	1	1	0	0	1
12	0	0	2	2	1	0	1	1	0	1	2	0	1
13	0	0	0	2	1	1	0	1	0	2	0	3	1
14	0	0	0	2	1	0	3	0	2	4	0	0	1
15	0	0	0	1	0	0	0	1	1	0	2	0	0
16	1	0	2	2	0	1	2	0	0	2	0	1	1
17	0	0	0	0	1	0	0	0	0	0	1	0	1
18	2	0	0	2	1	0	0	0	0	1	0	2	1
19	0	2	0	4	0	0	1	2	0	1	0	2	1
20	1	0	2	3	0	2	6	8	4	1	5	2	3
21	0	3	0	2	5	1	2	2	0	2	2	0	2
22	0	0	5	1	2	0	2	4	0	5	2	5	2
23	0	2	2	0	0	3	0	2	1	2	0	1	1
24	0	0	2	3	1	0	0	0	2	2	0	0	1
25	0	0	2	0	2	2	2	0	0	2	1	2	1
26	0	0	0	2	0	0	2	2	1	1	1	2	2
27	2	2	0	3	0	1	3	3	3	2	2	2	1
28	0	2	2	1	1	2	1	0	0	2	1	2	3
29	3	2	6	6	4	2	2	2	1	3	2	3	2
30	0	2	1	1	2	2	2	1	2	3	2	3	2
MEAN	1	1	1	2	1	1	2	1	1	2	1	1	1.2

PERCENTAGE OF DATA VALID - 75.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 25.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	19	2	2	0	2	0	2	2	2	1	0	2	3	
2	0	0	2	2	3	0	3	0	0	2	2	0	1	
3	1	2	0	1	2	0	2	2	0	5	0	0	1	
4	6	2	1	4	3	3	2	3	3	3	0	3	3	
5	2	3	2	2	4	3	2	0	3	2	0	3	2	
6	0	1	3	2	0	0	0	3	0	0	1	0	1	
7	0	3	0	0	2	0	0	1	0	0	2	0	1	
8	0	0	3	0	0	0	0	0	3	2	0	0	1	
9	2	2	1	2	0	3	0	0	3	1	2	1	1	
10	0	1	3	1	2	2	0	0	2	2	0	2	1	
11	4	2	1	3	2	2	3	0	2	5	7	11	4	
12	4	7	0	1	5	1	5	3	5	4	5	1	3	
13	5	3	2	4	3	2	3	1	2	0	3	0	2	
14	0	1	2	0	0	2	0	3	0	0	1	0	1	
15	0	3	0	3	0	0	0	0	3	2	3	3	1	
16	0	2	0	5	1	2	0	0	0	2	5	0	1	
17	2	2	2	6	0	3	0	2	2	3	0	2	2	
18	2	6	4	3	3	2	2	2	5	3	5	1	3	
19	1	2	0	3	0	2	2	-	-	-	-	-	*****	
20								- DATA INVALID -						
21								- DATA INVALID -						
22								- DATA INVALID -						
23								- DATA INVALID -						
24								- DATA INVALID -						
25								- DATA INVALID -						
26								- DATA INVALID -						
27								- DATA INVALID -						
28								- DATA INVALID -						
29								- DATA INVALID -						
30								- DATA INVALID -						
31								- DATA INVALID -						
MEAN	3	2	1	2	2	1	1	1	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 59.9

PERCENTAGE OF DATA INVALID - 31.5

PERCENTAGE OF DATA UNAVAILABLE - 8.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES				UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA					
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING	
JAN	31	2.2	4	17	
FEB	28	2.4	5	13	
MAR	31	1.7	3	7	
APR	30	1.6	3	11	
MAY	31	1.5	3	8	
JUN	30	1.2	2	6	
JUL	18	1.3	2	8	
AUG	22	0.9	2	4	
SEP	22	1.2	3	8	
OCT	18	1.8	4	19	
YEAR	261	1.6	5	19	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001 McDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	329	38	4	1	0	0	0	372
FEB	286	46	3	0	0	0	0	335
MAR	359	9	0	0	0	0	0	368
APR	345	14	1	0	0	0	0	360
MAY	347	24	0	0	0	0	0	371
JUN	356	4	0	0	0	0	0	360
JUL	229	5	0	0	0	0	0	234
AUG	269	0	0	0	0	0	0	269
SEP	261	9	0	0	0	0	0	270
OCT	205	16	1	1	0	0	0	223
YEAR	2986	165	9	2	0	0	0	3162

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.7	0	0.0	0.0	1.1	1.7	2.9	4.2	5.3	6.5	19	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4	2	3	3	3	7	0	2	3	2	2	0	3	3
5	4	0	3	2	3	5	2	0	5	2	2	2	3
6	2	0	0	0	0	3	3	2	1	4	3	2	2
7	2	5	0	0	3	0	4	3	2	3	4	2	3
8	0	0	0	0	3	0	0	0	0	3	0	3	1
9	0	0	0	3	2	2	0	0	2	0	3	0	1
10	0	0	6	0	***	0	0	5	2	0	3	2	2
11	0	3	0	4	2	2	3	3	3	0	0	2	2
12	0	3	0	2	3	0	2	0	4	1	3	5	2
13	2	2	0	2	2	2	0	0	3	0	0	2	1
14	0	3	2	0	0	0	0	0	0	2	0	0	2
15	3	0	0	2	4	2	0	2	2	2	2	0	2
16	2	2	0	1	2	0	0	2	4	3	2	5	2
17	2	0	2	2	2	2	0	0	2	0	2	2	2
18	0	0	3	0	0	3	3	0	5	0	2	12	2
19	2	2	0	5	5	7	***	0	7	0	5	0	3
20	0	0	5	0	3	1	2	1	2	3	2	0	2
21	0	0	1	3	2	0	2	2	0	2	2	5	2
22	3	4	0	2	2	1	2	0	3	0	2	5	2
23	3	0	1	3	0	2	5	3	3	2	0	0	2
24	3	5	3	5	5	0	5	2	0	0	3	2	3
25	0	2	3	0	3	3	5	5	3	0	3	3	3
26	3	3	2	0	2	0	***	0	4	5	0	5	2
27	3	3	0	3	0	2	0	0	3	0	2	0	1
28	0	0	0	0	0	3	1	0	2	2	2	0	2
29	2	0	1	2	0	2	2	3	0	2	7	5	2
30	0	2	3	0	3	0	0	2	2	2	5		
31	3	3	2	9	9	9	3	2	5	2	7	5	5
MEAN	1	2	1	2	2	2	2	1	2	2	2	3	1.9

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES		UNITS - 0.1 COHS/1000 FT											
STATION - SE NO 52018		1055 PRINCESS ST KINGSTON											
MONTH - FEB 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	3	0	2	0	0	0	2	6	3	6	2
2	1	0	3	0	0	4	1	0	0	2	3	0	1
3	5	2	0	7	5	2	0	3	2	3	3	7	3
4	0	3	5	4	5	0	2	2	3	5	5	2	3
5	0	2	2	0	5	0	3	2	0	2	0	2	2
6	0	3	2	0	5	2	0	3	3	0	0	2	0
7	0	0	0	2	0	0	0	0	0	2	0	0	0
8	0	2	0	0	5	0	0	2	3	3	13	9	3
9	2	3	0	7	5	1	2	***	2	2	3	2	2
10	5	2	1	2	2	0	0	0	0	2	5	0	2
11	5	5	7	5	2	2	2	0	3	2	3	0	3
12	2	0	0	0	0	2	2	0	3	0	0	0	1
13	1	0	0	2	3	1	2	0	5	3	0	2	2
14	0	2	0	0	0	0	3	0	2	4	3	5	2
15	3	5	3	7	3	0	3	3	0	0	3	7	3
16	3	5	5	5	7	5	7	4	3	8	4	6	5
17	5	6	9	12	7	5	2	2	0	4	2	2	5
18	1	6	2	7	5	0	4	3	2	2	7	2	3
19	0	0	3	0	0	2	2	2	0	2	4	2	1
20	2	1	5	7	5	2	2	3	1	0	4	6	3
21	4	2	4	2	4	4	2	2	3	0	0	3	3
22	2	2	1	2	2	2	2	2	2	1	1	2	2
23	0	1	0	2	***	1	0	2	3	0	0	3	1
24	3	2	0	5	5	3	0	0	3	2	0	3	2
25	5	0	2	0	2	2	1	0	3	0	5	3	2
26	4	1	0	0	3	0	1	0	1	2	3	2	1
27	2	2	1	2	0	3	1	0	2	3	2	2	2
28	0	2	1	3	5	2	0	2	0	3	6	2	2
MEAN	2	2	2	3	3	2	2	1	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 99.4      PERCENTAGE OF DATA INVALID - 0.6      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES		UNITS - 0.1 COHS/1000 FT											
STATION - SE NO 52018		1055 PRINCESS ST KINGSTON											
MONTH - MAR 78													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	3	0	1	2	0	2	0	0	2	2	1
2	1	1	3	3	0	0	2	0	0	2	2	2	1
3	2	2	0	4	2	2	2	0	0	0	2	0	2
4	3	0	3	2	0	0	2	0	2	0	2	3	1
5	0	0	1	2	0	0	2	2	2	0	0	0	1
6	2	0	2	2	3	0	0	0	2	0	1	2	1
7	2	2	0	2	0	0	0	2	3	2	0	0	1
8	2	1	2	2	2	2	2	0	2	3	1	3	2
9	2	3	2	2	2	2	0	2	5	2	2	3	2
10	0	2	5	5	5	5	5	2	0	2	3	4	3
11	0	3	3	3	3	3	5	3	1	3	4	0	3
12	0	3	2	3	2	4	3	2	0	3	3	2	2
13	2	2	2	2	0	1	0	4	3	0	3	5	2
14	1	3	5	2	2	0	0	3	2	0	0	2	2
15	0	0	2	0	0	0	2	2	0	0	2	2	1
16	0	2	0	2	2	1	0	0	3	0	0	0	1
17	3	0	0	2	4	2	0	0	0	3	2	0	1
18	3	0	0	0	0	3	0	2	0	3	2	0	1
19	0	3	0	2	0	2	0	0	0	3	0	0	1
20	0	2	2	2	1	3	0	0	3	0	4	2	2
21	0	0	2	1	1	0	5	0	2	2	3	0	1
22	0	2	2	0	0	0	2	0	0	0	0	0	1
23	2	0	0	0	0	0	0	0	2	2	0	2	1
24	0	0	0	3	3	0	0	0	1	1	0	2	1
25	2	2	0	0	2	0	0	0	2	2	4	0	1
26	2	2	0	0	0	2	2	0	0	3	2	2	1
27	2	3	1	3	2	2	2	0	0	3	2	2	2
28	0	0	2	2	0	0	2	3	0	0	3	2	1
29	3	2	3	2	0	0	3	2	1	0	3	2	2
30	0	0	2	2	2	***	2	0	0	0	0	3	1
31	0	0	2	0	2	0	0	0	0	0	3	0	1
MEAN	1	1	2	2	1	1	1	1	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 99.7      PERCENTAGE OF DATA INVALID - 0.3      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	3	2	2	5	0	0	0	2	2	2	2
2	0	2	0	0	0	2	2	0	0	0	0	0	1	1
3	2	0	2	0	3	3	2	0	2	0	0	3	1	1
4	0	0	0	2	5	2	2	3	0	4	1	2	2	2
5	2	1	0	0	0	0	2	2	0	0	2	0	1	1
6	0	2	2	0	0	0	0	2	0	2	0	0	0	1
7	2	0	0	0	2	0	0	0	0	2	0	2	1	1
8	2	0	2	2	2	0	0	2	0	2	5	1	1	1
9	0	2	0	0	2	0	2	0	2	2	4	2	2	2
10	5	0	2	2	2	0	2	0	2	2				
11	2	3	0	2	3	2	3	2	0	0	2	0	2	2
12	0	0	2	0	0	0	0	0	2	2	0	0	1	1
13	2	0	0	0	2	1	0	0	0	0	2	2	1	1
14	0	0	0	0	3	0	3	0	1	0	0	0	1	1
15	0	2	0	0	0	0	3	0	0	2	0	0	1	1
16	0	2	0	0	2	2	0	0	5	0	0	5	1	1
17	0	0	0	2	1	0	0	2	0	2	0	2	2	2
18	2	5	7	7	0	2	0	0	0	2	2	0	1	1
19	2	0	1	0	0	3	0	2	2	3	0	0	1	1
20	0	0	0	2	0	2	0	0	0					
21	2	1	2	0	0	0	0	0	3	0	0	2	1	1
22	2	0	2	2	1	0	0	3	0	2	2	2	1	1
23	1	0	0	2	0	0	3	0	0	2	0	2	1	1
24	3	0	2	0	0	0	2	2	0	2	0	0	1	1
25	2	2	0	3	0	2	0	3	0	1	0	2	2	2
26	2	2	2	0	0	2	0	2	2	0	3	2	1	1
27	0	3	2	0	0	2	0	3	2	0	0	2	1	1
28	1	0	0	2	0	2	0	0	3	0	1	2	1	1
29	2	0	0	2	0	1	0	0	2	0	0	0	1	1
30	0	3	0	0	0	0	0	0	0	2	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	1.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	3	0	2	0	0	0	2	0	2	1	1
2	0	3	3	0	2	2	0	0	1	0	2	0	1	1
3	0	2	0	2	0	2	0	0	0	0	3	0	1	1
4	3	0	2	0	0	0	0	0	1	1	2	2	1	1
5	2	1	2	3	1	2	0	0	2	0	2	0	1	1
6	0	0	1	0	2	0	0	1	0	0	2	3	1	1
7	3	1	1	2	2	0	1	2	0	0	4	0	2	2
8	2	3	4	2	0	0	0	0	0	1	2	0	1	1
9	0	0	0	2	2	0	0	0	1	0	1	0	1	1
10	0	1	2	0	0	4	1	4						
11	0	3	0	3	1	2	0	0	0	2	0	1	1	1
12	2	0	2	2	2	0	3	0	6	3	6	3	2	2
13	3	3	2	2	2	2	1	2	0	1	0	4	2	2
14	0	1	0	3	2	0	2	2	2	2	1	3	1	1
15	0	3	2	0	2	0	2	1	1	0	2	0	2	2
16	2	4	2	2	2	0	2	0	2	0	2	0	1	1
17	0	0	0	1	2	2	0	1	0	0	4	2	3	3
18	2	3	4	5	3	2	2	1	5	3	1	2	2	2
19	2	2	2	3	1	3	3	5	2	2	2	2	2	2
20	2	3	3	2	2	4	2	3	7	3	2	2	3	3
21	1	1	0	0	0	1	0	0	2	0	1	4	1	1
22	1	0	2	0	1	2	0	2	0	0	0	0	1	1
23	2	0	4	0	2	2	1	2	2	0	2	3	2	2
24	0	0	0	4	2	5	1	0	0	2	2	5	2	2
25	0	2	2	2	0	2	1	2	2	5	4	1	3	3
26	3	2	3	2	1	2	2	3	3	0	5	2	2	2
27	2	2	2	2	2	1	2	0	3	2	2	2	2	2
28	2	4	1	3	0	2	0	2	0	4	1	0	2	2
29	3	2	6	2	1	2	0	0	2	0	0	6	2	2
30	3	0												
31	4	2	0	4	2	2	2	2	1	3	0	0	2	2
MEAN	1	2	2	2	1	2	1	1	2	1	2	2	1.5	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	1	3	0	1	1	1	2	2	0	1	
2	0	2	0	2	2	3	2	0	2	2	2	0	1	
3	1	1	2	1	0	2	1	1	2	2	1	1	1	
4	0	0	2	0	2	0	0	0	0	2	1	2	1	
5	1	2	0	2	2	2	0	1	0	2	0	2	1	
6	2	1	1	2	2	0	2	0	1	0	0	3	1	
7	0	2	0	0	2	0	2	1	1	2	2	2	2	
8	1	2	0	0	3	0	0	1	0	0	0	0	0	
9	0	1	2	0	0	0	0	2	0	0	1	2	1	
10	2	2	0	2	0	3	0	2	0	0	0	2	1	
11	1	2	2	0	0	2	3	1	0	3	1	5	2	
12	1	1	0	0	2	2	3	2	1	0	2	0	1	
13	1	0	1	0	0	2	2	1	2	0	3	0	1	
14	2	0	4	0	2	0	2	0	1	2	2	2	1	
15	0	0	0	3	1	0	2	0	2	2	2	2	1	
16	2	5	2	0	4	1	5	0	2	2	2	1	2	
17	2	0	1	2	0	2	3	1	0	1	2	1	1	
18	0	0	2	0	2	0	2	0	2	2	7	1	2	
19	0	1	2	0	5	0	-	-	-	-	-	-	*****	
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							0	0	0	1	2	2	*****	
24	1	2	2	2	0	0	0	0	2	0	0	1	1	
25	2	0	1	0	0	0	0	0	0	0	0	1	1	
26	5	2	0	2	2	2	2	4	4	0	1	1	2	
27	2	2	0	1	4	0	3	4	2	1	1	2	2	
28	0	1	1	1	2	***	***	***	***	***	***	***	*****	
29	***	***	***	***	***	***	***	0	2	0	0	1	*****	
30	2	0	2	0	0	2	2	2	0	0	0	2	1	
MEAN	1	1	1	1	2	1	2	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID - 82.5

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 13.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	0	1	2	0	2	0	0	0	4	1	
2	0	0	0	2	2	1	2	0	2	2	1	6	2	
3	2	0	0	2	2	0	1	2	0	0	1	1	1	
4	1	0	0	0	1	2	0	2	1	2	0	3	1	
5	2	0	0	2	2	0	0	0	2	2	0	1	1	
6	2	2	0	2	3	3	0	0	3	0	2	2	2	
7	2	2	2	2	1	2	1	1	3	2	2	2	2	
8	2	0	0	2	3	0	2	1	2	0	0	2	1	
9	2	0	0	1	2	2	0	1	2	1	0	0	1	
10	1	2	2	1	2	0	0	2	1	0	0	3	1	
11	0	0	0	0	2	0	0	0	1	0	0	2	0	
12	4	2	1	2	2	***	2	5	2	2	2	1	2	
13	1	2	1	4	1	2	2	2	3	4	3	0	2	
14	4	1	5	1	3	2	2	0	2	3	0	3	2	
15	0	2	2	0	2	1	1	2	1	2	0	0	1	
16	2	2	1	1	0	0	1	2	1	1	0	0	1	
17	2	1	0	1	0	2	0	2	0	2	3	1	1	
18	4	5	2	2	2	1	1	0	3	2	1	2	2	
19	1	2	0	2	2	1	4	1	2	3	3	2	2	
20	2	2	3	0	2	2	2	0	2	0	2	4	2	
21	0	0	2	4	4	2	2	2	2	2	2	1	2	
22	0	0	2	0	0	1	2	0	1	0	2	0	1	
23	1	1	2	0	2	0	2	2	3	0	3	0	1	
24	0	0	0	0	0	1	2	0	0	0	2	0	0	
25	2	1	3	0	2	1	2	0	0	2	0	0	1	
26	2	0	2	3	4	0	2	2	2	2	1	0	1	
27	3	1	0	1	1	1	0	0	1	0	0	0	1	
28	2	1	1	0	3	0	2	0	0	0	2	0	1	
29	3	1	2	0	3	0	2	0	0	0	2	0	1	
30	0	1	0	2	0	1	0	0	0	2	2	0	1	
31	0	3	3	2	0	2	0	0	0	0	0	0	1	
MEAN	2	1	1	1	2	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON														MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	3	2	1	0	2	1	2	0	2	2	2	1		
2	2	1	2	2	2	2	2	3	1	4	2	2	2		
3	0	2	1	4	2	***	0	0	2	0	0	0	1		
4	0	0	0	2	0	0	0	2	0	0	0	0	1		
5	0	0	0	2	2	5	2	0	0	5	2	0	2		
6	2	0	3	2	0	0	0	0	3	0	0	0	0		
7	0	0	0	0	0	0	0	2	0	0	2	0	0		
8	0	0	0	0	1	0	0	3	0	0	2	0	1		
9	4	0	0	0	0	0	0	0	***	0	0	0	0		
10	0	2	0	0	0	2	0	0	0	0	0	0	0		
11	2	0	0	0	2	0	2	2	2	0	0	0	1		
12	3	0	0	0	3	0	0	0	0	0	0	0	1		
13	0	1	0	0	2	0	0	2	0	0	2	3	1		
14	0	3	3	2	0	0	0	0	0	2	2	0	1		
15	0	0	0	0	0	0	0	2	0	0	2	0	1		
16	0	2	2	0	2	0	0	3	0	0	2	0	1		
17	0	0	0	2	0	0	0	***	***	***	***	***	1		
18	***	***	***	***	0	3	0	3	1	0	1	2	1		
19	2	3	0	0	2	0	2	2	2	0	0	3	1		
20	0	2	0	0	0	3	0	0	0	0	0	0	0		
21	2	0	0	0	4	0	0	0	2	0	2	2	1		
22	0	2	0	0	2	0	2	0	2	0	2	3	1		
23	3	0	0	0	0	0	3	2	0	0	0	0	1		
24	0	0	0	0	5	0	0	2	2	0	0	5	1		
25	5	0	0	0	0	***	0	2	0	2	0	0	1		
26	3	2	0	0	0	0	0	0	2	2	0	2	1		
27	3	0	0	2	0	0	2	2	0	2	0	2	1		
28	0	0	2	3	0	0	3	0	2	0	2	0	1		
29	0	0	0	2	3	0	0	0	0	0	0	5	1		
30	0	0	0	0	3	0	0	0	0	0	0	0	1		
31	0	3	4	0	0	2	2	0	0	2	0	2	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9		

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON							MONTH - SEP 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	5	3	0	2	3	0	0	0	1
2	2	0	2	0	0	2	2	2	0	2	3	0	1
3	2	0	0	3	0	2	0	2	0	3	0	0	1
4	2	0	0	0	0	0	0	0	5	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	2	0	0
6	3	0	2	0	3	0	3	0	2	0	0	2	1
7	0	0	2	0	2	0	0	0	3	0	1	0	1
8	0	0	3	2	2	0	0	1	0	1	2	0	1
9	1	0	1	0	1	0	0	0	0	2	1	0	1
10	0	0	2	0	0	0	0	3	1	0	1	0	1
11	2	0	0	3	0	2	2	2	2	3	2	2	2
12	1	2	1	0	2	0	0	2	0	0	2	0	1
13	0	0	0	0	0	0	0	0	1	0	2	1	0
14	2	2	0	5	0	***	0	5	2	0	3	0	2
15	3	5	0	0	0	5	0	1	0	0	2	0	1
16	2	0	0	2	0	0	0	0	0	0	0	4	1
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	- DATA UNAVAILABLE -												
20	- DATA UNAVAILABLE -												
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	- DATA UNAVAILABLE -												
26	- DATA UNAVAILABLE -												
27	- DATA UNAVAILABLE -												
28	- DATA UNAVAILABLE -												
29	- DATA UNAVAILABLE -												
30	- DATA UNAVAILABLE -												
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 53.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 46.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - OCT 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4					****	0	3	5	0	2	0	2	*****
5	2	0	0	0	1	1	1	1	3	2	2	3	1
6	3	0	0	0	0	3	0	0	2	1	0	0	1
7	1	2	0	0	0	0	0	2	0	0	0	2	1
8	2	0	2	0	0	0	1	0	0	0	0	5	1
9	0	2	5	3	5	0	2	2	0	0	1	3	2
10	2	5	1	2	3	2	1	6	5	5	4	7	4
11	3	3	0	2	2	0	3	0	3	2	2	2	2
12	3	7	2	1	3	0	7	0	6	5	3	3	3
13	5	1	2	2	6	2	4	0	0	5	7	3	3
14	0	1	0	0	0	2	0	1	0	2	0	2	1
15	0	1	2	0	3	2	0	0	0	1	3	3	1
16	0	0	3	4	0	1	0	2	0	1	2	3	1
17	3	2	0	0	7	0	0	3	2	0	2	2	2
18	3	1	5	0	3	3	0	3	2	0	4	0	2
19	6	4	0	3	2	1	2	2	2	2	3	5	3
20	0	2	2	0	2	1	3	0	4	2	0	2	2
21	2	2	2	0	0	3	5	3	2	7	1	2	2
22	6	3	3	2	5	5	2	0	2	3	3	6	3
23	1	5	2	2	3	0	0	0	2	0	3	0	2
24	2	0	2	3	5	0	0	0	5	0	2	0	2
25	0	3	0	2	3	0	3	****	2	0	0	0	1
26	3	0	1	2	0	2	2	3	1	0	0	0	1
27	0	0	2	3	1	0	0	0	2	0	2	1	1
28	0	0	3	2	0	0	2	0	0	3	0	2	1
29	2	2	0	1	0	0	0	1	0	2	3	0	1
30	3	3	0	3	0	0	3	0	2	3	0	0	1
31	0	0	2	1	2	1	0	2	2	3	0	2	1
MEAN	2	2	2	1	2	1	2	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 88.7

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 10.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - DEC 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	2	0	0	2	0	1	2	2	1
2	3	0	0	1	2	0	2	0	1	0	2	2	1
3	1	0	0	0	0	3	3	0	0	2	0	0	1
4	2	1	3	2	0	2	1	4	0	2	0	1	2
5	2	2	0	2	2	1	****	0	5	3	0	0	2
6	0	0	3	2	2	0	2	1	3	0	0	2	1
7	3	0	3	2	0	2	3	2	0	2	0	0	1
8	3	9	3	0	5	2	5	5	3	3	0	0	3
9	0	2	0	0	0	0	0	0	0	0	0	0	0
10	2	0	0	0	2	0	0	0	0	0	2	0	1
11	0	0	0	0	2	0	0	0	2	2	2	3	1
12	0	0	3	2	2	***	5	3	3	0	2	2	2
13	3	4	2	0	1	0	1	0	3	0	1	0	1
14	0	0	0	1	2	0	2	2	2	1	0	2	1
15	2	0	1	3	1	5	0	0	0	2	0	1	1
16	1	0	1	0	2	1	3	2	3	5	3	2	2
17	3	1	1	1	0	0	0	0	0	0	0	3	1
18	0	0	2	0	0	0	0	2	2	0	0	0	1
19	1	0	3	0	****	3	0	2	-	****	****	****	*****
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
31							- DATA INVALID -						
MEAN	1	1	1	1	1	1	2	1	2	1	1	1	1.2

PERCENTAGE OF DATA VALID - 59.4

PERCENTAGE OF DATA INVALID - 53.2

PERCENTAGE OF DATA UNAVAILABLE - 12.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	1.9	5	12
FEB	28	2.3	5	13
MAR	31	1.4	3	5
APR	30	1.0	2	7
MAY	31	1.5	3	7
JUN	23	1.2	2	7
JUL	31	1.3	2	6
AUG	30	0.9	2	5
SEP	16	0.9	2	5
OCT	27	1.7	4	7
NOV	30	1.8	4	8
DEC	18	1.2	3	9
YEAR	323	1.5	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	301	37	1	0	0	0	0	339
FEB	278	54	2	0	0	0	0	334
MAR	361	10	0	0	0	0	0	371
APR	351	8	0	0	0	0	0	359
MAY	358	13	0	0	0	0	0	371
JUN	291	6	0	0	0	0	0	297
JUL	367	4	0	0	0	0	0	371
AUG	354	6	0	0	0	0	0	360
SEP	185	6	0	0	0	0	0	191
OCT	300	30	0	0	0	0	0	330
NOV	325	33	0	0	0	0	0	358
DEC	213	8	0	0	0	0	0	221
YEAR	3684	215	3	0	0	0	0	3902

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
89.1	0	0.0	0.0	0.9	1.7	2.8	4.2	5.0	6.1	13	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	4	0	1	2	2	0	3	1	3	2	0	2	2
2	3	2	0	2	2	0	1	1	0	2	1	2	1	1
3	1	2	3	0	0	2	0	0	4	2	0	2	2	1
4	2	0	1	3	3	1	4	3	0	1	2	2	2	2
5	2	2	2	0	5	0	1	2	2	1	1	1	2	2
6	0	0	1	4	2	0	****	2	2	0	0	3	1	1
7	2	2	2	2	4	0	5	1	3	3	2	1	2	2
8	3	1	2	0	0	0	3	0	3	0	2	2	1	1
9	0	3	0	2	2	3	2	2	0	3	0	2	2	2
10	0	0	0	2	0	2	2	3	0	0	3	0	1	1
11	2	0	2	0	2	1	3	0	0	2	0	2	1	1
12	0	2	2	2	3	0	0	2	3	0	2	2	2	2
13	2	0	3	4	0	3	2	2	0	5	0	0	2	2
14	2	0	0	3	2	3	2	1	0	0	0	0	1	1
15	0	2	2	2	1	3	1	2	0	2	0	2	1	1
16	0	2	0	1	6	0	0	2	2	2	3	3	2	2
17	2	2	2	5	2	0	3	0	2	0	3	2	2	2
18	****	****	****	****	****	****	****	2	0	2	2	3	*****	3
19	2	2	2	9	3	2	0	1	2	2	5	0	3	3
20	4	0	2	2	0	0	****	0	0	0	2	0	1	1
21	1	0	3	0	0	2	2	0	0	4	2	2	1	1
22	7	0	3	0	5	1	2	1	2	3	0	0	2	2
23	2	2	1	2	3	0	2	1	2	0	0	3	2	2
24	0	2	1	2	3	2	2	1	3	0	1	0	1	1
25	0	0	2	3	1	3	2	5	2	2	4	1	2	2
26	2	0	2	5	0	3	1	0	0	2	5	0	2	2
27	2	2	2	0	1	2	0	2	0	0	2	0	1	1
28	1	0	2	0	0	4	0	1	3	1	1	3	1	1
29	0	0	2	0	3	0	0	1	1	3	3	2	2	2
30	0	2	2	0	2	2	0	5	1	3	3	3	1	1
31	3	2	3	5	7	1	2	2	3	4	5	3	3	3
MEAN	2	1	2	2	2	1	2	2	1	2	2	1	1.6	

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	2	2	0	1	3	0	3	6	0	2	2
2	2	0	5	0	0	2	0	3	0	2	2	0	1	1
3	2	0	4	4	3	3	0	1	3	2	3	2	2	2
4	3	2	5	3	0	1	0	3	0	5	3	5	3	3
5	0	5	3	1	2	2	3	0	2	2	2	0	2	2
6	5	0	2	1	5	0	2	0	3	0	0	0	2	2
7	2	0	2	0	2	0	0	0	2	2	0	0	1	1
8	2	0	2	0	2	0	0	3	0	3	5	4	2	2
9	3	2	1	4	2	0	0	3	0	3	0	3	2	2
10	3	2	0	2	3	2	0	0	3	1	2	5	2	2
11	0	2	0	5	4	2	0	2	2	0	3	1	2	2
12	2	0	2	0	2	0	2	0	3	0	0	4	1	1
13	0	2	2	0	3	****	0	2	2	0	1	3	1	1
14	0	1	7	1	2	1	3	0	3	2	3	6	2	2
15	3	1	7	6	0	3	6	0	3	0	4	9	4	4
16	4	2	2	2	3	2	2	5	0	2	3	3	3	3
17	3	4	5	8	2	0	2	2	2	0	3	0	3	3
18	3	2	2	4	1	3	4	2	2	3	4	2	3	3
19	0	2	2	2	2	0	2	2	2	1	4	0	2	2
20	2	3	2	5	0	2	3	0	2	2	3	1	2	2
21	0	3	2	1	2	0	2	0	2	0	5	0	1	1
22	2	2	2	2	2	0	4	0	2	2	2	0	2	2
23	0	0	4	2	0	3	0	3	0	4	2	2	2	2
24	2	0	2	2	2	2	2	2	0	0	4	2	2	2
25	2	2	2	2	0	2	0	0	1	2	6	5	2	2
26	0	0	2	0	2	0	4	0	2	0	4	2	1	1
27	0	0	4	2	****	0	2	0	1	3	3	6	2	2
28	0	2	3	2	0	3	0	0	0	3	4	6	1	1
MEAN	2	1	3	2	2	1	2	1	2	2	3	2	1.8	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE	NO 52020	CHURCHILL PK	NAPIER	ST KINGSTON	MONTH - MAR	78							MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	2	7	5	2	0	0	0	2	2	4	3	2	2
2	2	2	2	0	2	0	2	2	0	0	3	2	1
3	3	0	3	2	2	0	3	2	2	1	2	2	2
4	3	0	2	1	2	0	2	2	0	0	3	5	2
5	0	0	3	2	2	0	2	2	0	2	0	2	1
6	2	0	3	2	2	0	3	3	0	2	1	2	2
7	0	3	0	3	0	1	0	2	2	0	***	2	1
8	0	1	3	0	0	0	1	0	2	2	3	0	1
9	3	0	5	3	2	0	4	0	3	1	0	0	2
10	5	4	2	5	3	3	0	3	4	2	3	5	3
11	0	2	8	0	5	6	2	3	5	3	4	2	3
12	2	3	0	3	0	0	3	2	2	2	0	3	2
13	1	0	0	0	2	0	2	0	1	0	4	3	1
14	5	1	2	0	0	3	3	3	0	1	0	2	2
15	0	2	0	2	2	1	1	0	3	1	2	2	1
16	0	2	0	2	0	0	0	0	0	0	0	0	0
17	1	1	0	2	0	0	2	2	1	0	3	4	1
18	2	0	0	0	2	2	0	3	0	2	0	0	1
19	1	0	0	2	2	0	2	2	3	0	0	1	1
20	0	3	2	4	2	***	2	0	0	4	1	3	2
21	0	3	0	2	2	3	2	3	3	2	2	0	2
22	3	2	0	2	0	2	0	0	3	0	3	2	1
23	2	2	3	2	2	0	2	0	2	2	2	2	2
24	1	2	0	3	1	2	1	0	2	3	2	2	2
25	2	2	4	3	0	2	0	3	2	2	1	2	2
26	0	0	5	2	0	4	1	2	2	2	2	2	2
27	2	2	0	2	3	0	2	0	3	2	2	0	2
28	2	2	1	0	2	2	2	2	2	2	4	3	1
29	2	0	2	0	0	2	0	2	0	2	2	3	1
30	0	0	0	2	0	0	0	2	0	0	2	3	1
31	0	2	0	0	2	2	2	0	2	0	2	1	1
MEAN	1	2	2	2	1	1	1	2	2	1	2	2	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE	NO 52020	CHURCHILL PK	NAPIER	ST KINGSTON	MONTH - APR	78							MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	3	0	2	2	3	4	0	***	0	0	0	1
2	2	4	2	0	0	0	0	2	0	0	1	0	1
3	0	0	3	2	0	0	2	0	0	2	0	2	1
4	2	2	0	0	0	2	0	0	0	0	0	0	1
5	0	0	0	3	0	0	0	0	0	0	2	0	1
6	2	0	3	0	0	0	0	0	2	2	2	0	1
7	0	0	0	2	0	2	3	0	2	0	0	0	1
8	0	3	0	2	0	2	0	3	0	0	0	0	1
9	0	0	2	0	0	2	0	0	0	2	0	0	1
10	2	2	0	0	0	2	0	0	0	0	2	0	1
11	3	0	3	2	0	0	3	0	2	0	0	3	1
12	0	0	2	0	0	0	0	0	0	2	0	0	0
13	0	3	0	1	0	0	2	0	2	2	0	0	1
14	0	2	0	2	2	0	2	0	0	0	2	2	1
15	0	0	2	3	0	0	2	***	***	***	3	0	1
16	0	2	0	3	2	0	2	0	0	0	2	0	1
17	0	2	0	0	0	0	0	3	2	2	0	2	1
18	0	2	0	0	3	0	4	0	0	0	0	0	1
19	0	0	0	2	0	5	0	2	0	0	0	3	1
20	0	0	2	0	0	0	0	3	0	0	2	0	1
21	0	2	0	0	3	0	3	0	0	0	3	5	1
22	2	0	0	2	0	0	0	0	0	1	6	7	2
23	2	0	0	2	0	0	0	0	0	0	3	2	1
24	2	3	0	2	3	0	1	1	2	2	2	0	2
25	2	3	0	3	0	0	2	0	2	0	2	2	2
26	3	3	5	2	2	0	0	0	0	2	0	2	2
27	5	3	2	3	0	0	***	2	0	2	2	0	1
28	0	0	0	2	2	0	0	0	0	2	0	1	1
29	2	0	5	0	0	2	0	0	3	3	0	0	1
30	2	0	0	2	0	2	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - MAY 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	3	0	2	2	0	0	2	0	0	1
2	3	3	3	0	2	0	2	0	0	7	8	5	3
3	0	2	3	0	0	0	2	0	0	0	2	2	1
4	2	2	3	0	0	1	2	0	2	2	0	2	1
5	2	2	2	7	0	0	0	0	1	0	0	0	1
6	0	0	0	1	3	3	0	1	0	1	0	1	1
7	2	2	1	0	2	0	0	0	3	1	0	0	1
8	3	2	3	2	2	1	1	1	0	1	1	2	2
9	1	1	0	1	2	0	2	0	0	0	1	2	1
10	0	2	0	0	2	0	1	0	2	0	0	1	1
11	1	2	0	1	2	0	0	1	0	0	0	2	1
12	2	2	0	0	2	1	0	1	0	4	2	3	1
13	0	0	7	0	0	1	0	3	0	0	2	0	1
14	0	0	2	0	0	2	0	0	2	1	0	2	1
15	0	0	0	2	0	0	0	0	2	1	3	0	1
16	3	0	1	1	1	3	2	1	1	0	2	0	1
17	0	2	0	0	2	0	1	0	2	2	0	2	1
18	2	2	2	3	0	2	2	3	2	0	2	2	2
19	2	3	1	2	0	2	0	2	0	0	2	2	1
20	0	4	0	3	1	2	0	0	3	1	3	2	2
21	0	2	0	2	0	0	0	2	0	2	2	0	1
22	0	0	0	0	3	0	0	2	0	2	0	3	1
23	1	2	3	2	1	0	3	0	2	0	3	2	2
24	0	2	2	0	2	2	3	0	0	2	0	0	1
25	1	0	0	0	0	0	2	0	3	0	3	2	1
26	2	0	3	2	0	2	0	2	0	0	2	2	1
27	2	2	2	2	3	0	0	0	0	2	3	0	1
28	2	3	0	2	1	0	1	1	0	0	2	2	1
29	1	3	0	2	1	2	2	0	2	1	0	2	1
30	0	2	0	3	2	0	0	0	0	3	0	2	1
31	2	2	2	2	0	2	0	5	0	0	2	0	1
MEAN	1	2	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - JUN 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	2	2	0	0	1	****	-	-	1
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21	2	3	2	0	2	0	0	0	2	0	5	0	1
22	0	2	1	0	0	0	0	0	0	2	0	0	0
23	2	0	0	2	0	0	0	0	2	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	2	0	0	0	3	2	2	0	0	3	1
26	3	2	0	1	0	0	5	0	0	2	0	2	1
27	0	2	2	0	0	3	2	0	2	0	0	0	1
28	0	0	0	0	0	0	0	***	3	2	0	2	1
29	0	0	0	3	2	0	0	1	0	1	0	0	1
30	1	1	0	0	1	0	0	3	0	3	2	0	1
MEAN	1	1	1	1	1	0	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 35.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 53.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SE NO 52020				CHURCHILL PK NAPIER ST KINGSTON				MONTH - JUL 78				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	0	0	2	1	2	0	0	0	1	1
2	2	2	0	0	0	0	0	3	1	0	0	0	1
3	1	0	0	2	3	0	0	0	0	2	2	0	1
4	0	2	2	0	2	0	2	0	2	2	0	0	1
5	0	0	0	2	0	2	0	0	0	0	0	0	0
6	0	0	0	0	2	0	0	0	2	0	0	2	1
7	0	0	0	0	0	0	0	0	0	0	7	0	1
8	0	5	1	0	0	3	0	0	2	2	0	2	1
9	7	0	0	0	5	0	0	0	0	0	0	5	1
10	0	5	2	2	0	3	3	3	0	0	0	0	2
11	0	0	2	0	0	0	0	2	0	2	2	0	1
12	3	0	2	0	4	4	2	2	2	1	0	0	2
13	0	4	5	0	0	4	0	3	5	1	2	0	2
14	3	3	3	2	5	0	0	3	3	5	2	7	3
15	0	0	0	0	5	0	0	2	0	0	0	0	1
16	2	2	2	5	0	5	0	0	2	2	3	0	2
17	2	1	0	0	3	0	0	0	0	0	0	0	1
18	4	3	0	3	2	0	0	3	0	0	0	0	1
19	0	2	0	2	3	0	2	0	1	0	3	0	1
20	0	0	0	0	0	2	0	3	0	0	0	0	0
21	0	3	5	2	3	2	3	7	3	2	0	0	3
22	2	0	2	0	2	0	0	0	0	2	0	2	1
23	0	3	0	2	0	0	2	0	3	2	0	2	1
24	3	7	0	0	3	0	3	2	0	3	2	2	2
25	3	3	2	0	0	2	2	0	2	0	2	0	1
26	1	0	0	0	0	5	0	2	0	0	2	1	1
27	0	0	0	2	0	0	3	2	3	0	0	0	1
28	0	0	2	0	0	0	2	3	0	2	3	0	1
29	0	2	3	0	0	0	3	0	0	3	0	0	1
30	0	0	0	0	0	0	0	2	2	0	0	2	1
31	7	3	8	0	2	5	3	0	2	2	0	0	3
MEAN	1	2	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - SE NO 52020				CHURCHILL PK NAPIER ST KINGSTON				MONTH - AUG 78				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	3	9	0	0	2	0	5	0	0	0	2
2	0	2	0	0	3	2	***	0	3	3	0	3	1
3	0	0	0	***	0	2	0	0	3	0	0	0	1
4	5	3	0	2	0	0	0	5	0	0	2	6	2
5	0	2	2	2	0	3	0	3	2	2	5	0	2
6	2	2	2	2	0	0	5	5	5	2	0	0	2
7	2	0	2	2	0	1	0	0	0	0	2	3	2
8	0	3	2	4	3	3	0	3	2	5	3	3	3
9	3	7	0	0	3	2	2	3	5	2	0	0	2
10	0	0	0	5	2	0	0	0	0	2	0	0	1
11	0	13	5	0	0	0	2	0	0	0	0	0	2
12	0	2	7	7	5	4	3	2	2	9	0	2	4
13	7	3	3	2	7	2	2	5	5	0	0	0	3
14	0	0	1	0	2	9	0	3	3	0	2	2	2
15	3	2	2	2	3	0	2	2	5	0	5	2	2
16	2	0	2	2	0	0	2	5	0	0	4	0	1
17	3	0	2	2	0	0	1	0	0	2	0	0	1
18	0	0	2	3	0	0	0	2	0	0	5	0	2
19	5	5	0	0	0	0	3	0	0	2	4	0	1
20	3	0	0	0	0	2	2	3	0	0	0	0	1
21	3	0	0	2	***	0	0	0	0	0	3	0	1
22	2	0	2	3	0	2	0	3	2	0	3	0	1
23	0	0	3	1	3	3	2	3	3	3	0	7	2
24	0	3	0	0	0	0	2	2	5	0	4	2	2
25	0	2	0	0	2	0	3	2	0	2	4	3	2
26	0	2	1	2	0	3	0	1	0	0	2	2	1
27	2	0	1	2	4	1	0	0	2	3	0	1	1
28	1	0	2	2	2	0	1	2	1	2	1	2	1
29	2	3	2	1	2	0	1	0	2	0	0	0	1
30	2	2	2	2	0	3	1	2	0	2	2	2	2
31	2	1	2	2	0	3	0	2	1	2	1	0	1
MEAN	2	2	2	2	1	1	1	2	2	1	2	1	1.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	4	2	4	0	1	2	3	2	0	0	2	2	2
2	2	0	0	0	0	4	2	0	3	0	3	2	1	1
3	0	5	4	2	1	0	1	2	2	2	2	0	2	2
4	2	1	0	0	2	2	3	2	2	0	1	0	1	1
5	2	0	0	1	1	2	2	0	0	2	0	2	1	1
6	0	4	4	2	***	***	***	2	2	4	0	0	2	2
7	2	2	0	0	1	0	1	0	3	2	2	5	2	2
8	3	4	5	5	0	0	1	0	0	2	1	2	2	2
9	0	0	0	2	0	1	0	0	1	0	1	1	1	1
10	4	0	2	0	0	0	0	1	0	3	0	0	1	1
11	4	1	2	2	0	4	0	1	3	2	0	1	2	2
12	2	0	2	0	0	0	1	2	0	0	2	0	1	1
13	3	0	2	0	2	0	0	0	3	3	0	3	1	1
14	1	1	3	0	4	0	0	0	1	0	2	0	1	1
15	6	0	2	2	1	2	0	0	0	2	0	2	1	1
16	2	0	1	0	2	1	2	0	0	0	1	0	1	1
17	0	0	0	0	2	0	2	0	1	1	0	2	1	1
18	2	2	3	2	3	2	2	0	2	5	1	3	2	2
19	2	2	7	2	2	2	0	3	3	1	1	4	2	2
20	2	3	0	3	3	1	4	2	2	4	2	3	2	2
21	2	0	0	0	4	2	2	0	1	0	0	2	1	1
22	0	4	0	0	0	1	0	0	0	1	0	0	1	1
23	0	1	2	2	2	0	0	0	0	3	0	2	1	1
24	1	0	0	2	1	2	2	3	3	0	2	2	2	2
25	2	0	2	2	1	2	0	2	0	2	0	3	1	1
26	0	2	1	5	2	0	2	0	2	2	3	2	1	1
27	0	0	2	0	0	2	0	2	4	2	0	2	1	1
28	2	0	0	0	0	2	0	1	4	2	0	5	1	1
29	1	2	2	4	1	***	0	0	2	2	2	5	2	2
30	3	0	2	0	0	0	0	0	0	2	0	0	1	1
MEAN	2	1	2	1	1	1	1	1	2	2	1	2	1.3	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	1	1	0	2	0	2	2	0	0	1	1
2	0	0	0	2	2	3	1	2	0	0	2	5	1	1
3	5	0	4	2	4	0	2	0	3	0	2	2	2	2
4	0	2	0	0	3	0	0	2	0	2	2	2	1	1
5	0	5	3	3	2	2	3	0	3	0	3	0	2	2
6	0	0	0	0	0	0	0	2	0	0	0	0	0	0
7	2	2	3	2	0	0	0	0	3	0	3	0	1	1
8	0	0	0	5	0	2	0	3	3	0	0	0	1	1
9	2	0	2	0	2	0	0	2	3	0	2	2	1	1
10	0	2	0	0	0	3	3	2	3	***	***	***	1	1
11														
12														
13														
14	2	2	2	0	2	0	3	5	0	1	0	2	*****	2
15	2	0	2	3	2	2	3	3	1	0	1	3	2	2
16	2	3	0	4	2	0	0	0	2	4	2	4	2	2
17	3	2	3	5	2	0	0	2	3	1	3	5	2	2
18	0	0	0	5	0	0	1	4	2	3	2	2	2	2
19	6	3	0	6	2	0	2	2	2	0	1	2	2	2
20	3	0	2	7	3	0	0	1	0	1	0	6	2	2
21	3	0	2	2	1	0	2	4	0	4	0	2	2	2
22	3	2	2	1	2	0	2	5	3	2	3	2	2	2
23	2	2	1	1	0	0	0	2	2	2	2	4	2	2
24	0	2	2	4	0	1	0	2	0	2	1	2	1	1
25	2	0	1	3	2	0	2	0	2	2	0	3	1	1
26	4	0	1	0	2	2	0	2	0	2	0	0	1	1
27	0	0	2	3	1	0	0	2	2	2	1	1	1	1
28	3	2	3	2	2	1	2	2	1	2	3	2	2	2
29	2	0	3	2	2	0	1	0	2	5	5	4	2	2
30	2	7	5	2	2	0	3	4	2	0	1	2	3	3
31	3	3	0	3	2	0	3	4	5	5	2	2	3	3
MEAN	2	1	2	2	2	1	1	2	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 90.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1.6	3	9
FEB	28	1.8	4	9
MAR	31	1.6	3	8
APR	30	1.0	2	7
MAY	31	1.2	3	8
JUN	11	0.8	1	5
JUL	31	1.2	3	8
AUG	31	1.6	4	13
SEP	30	1.3	2	7
OCT	28	1.6	3	7
NOV	30	2.4	6	13
DEC	31	1.2	3	11
YEAR	342	1.5	6	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	347	16	0	0	0	0	0	363
FEB	310	24	0	0	0	0	0	334
MAR	357	13	0	0	0	0	0	370
APR	348	7	0	0	0	0	0	355
MAY	365	6	0	0	0	0	0	371
JUN	126	2	0	0	0	0	0	128
JUL	350	22	0	0	0	0	0	372
AUG	335	32	1	0	0	0	0	368
SEP	346	10	0	0	0	0	0	356
OCT	318	18	0	0	0	0	0	336
NOV	309	50	1	0	0	0	0	360
DEC	362	8	1	0	0	0	0	371
YEAR	3673	208	3	0	0	0	0	4084

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.2	0	0.0	0.0	1.0	1.7	2.9	4.1	5.0	6.4	13	1.5

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	3	2	3	3	2	2	2	1	2	2	0	2	2
2	2	1	1	2	0	0	1	2	1	0	2	0	1	1
3	5	0	1	0	2	3	0	2	0	5	0	1	2	2
4	0	3	0	4	3	0	5	2	0	4	5	0	2	2
5	5	2	5	2	2	3	0	2	2	0	4	0	1	1
6	0	2	1	2	2	0	0	2	2	0	3	3	2	2
7	3	2	3	2	3	0	3	3	2	0	3	4	2	2
8	2	3	2	5	2	2	0	0	3	0	5	0	1	1
9	0	0	2	0	3	0	0	4	0	5	0	0	1	1
10	0	0	2	2	1	3	0	0	0	2	2	0	1	1
11	0	2	0	0	2	1	0	0	0	2	0	2	1	2
12	2	0	3	2	***	3	2	0	3	3	3	4	2	4
13	5	7	2	2	2	3	12	3	5	2	2	2	1	1
14	2	2	1	2	0	2	2	1	0	2	0	1	1	1
15	0	0	0	1	0	0	0	2	5	3	17	2	3	3
16	1	2	2	0	0	7	2	4	7	13	6	5	8	8
17	3	7	13	15	17	3	0	2	3	0	4	5	2	2
18	3	1	2	2	5	3	2	3	0	5	9	8	4	4
19	3	3	1	0	3	2	1	6	3	1	3	1	3	3
20	8	3	0	0	3	2	1	6	3	1	3	1	3	3
21	0	2	0	2	2	3	2	0	2	3	3	2	2	2
22	1	0	1	2	0	0	0	2	0	2	1	0	2	1
23	4	0	3	0	2	3	3	2	2	3	2	2	3	3
24	3	1	2	4	3	4	2	2	4	5	5	2	4	4
25	5	0	2	2	12	2	4	7	3	7	5	1	2	2
26	3	2	0	2	0	3	2	5	0	2	2	2	2	2
27	3	0	2	4	0	3	0	2	0	0	0	0	1	1
28	2	0	0	3	2	0	1	0	0	0	0	3	1	1
29	4	0	0	2	0	0	2	0	2	1	0	0	1	1
30	0	1	0	0	2	***	2	0	2	1	0	0	2	2
31	2	2	2	3	1	2	2	2	3	0	2	0	2	2
MEAN	2	2	2	2	3	2	2	2	2	3	3	2	2.1	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	1	5	2	2	3	0	3	3	2	3	2	2
2	2	0	0	1	7	***	2	0	3	5	3	5	1	1
3	4	2	3	0	3	2	2	0	0	0	0	3	2	2
4	5	5	4	3	3	3	3	0	0	2	2	2	4	4
5	2	1	2	17	3	2	4	3	3	3	2	0	1	2
6	3	2	2	7	3	3	2	3	2	0	0	0	1	1
7	1	0	0	0	0	0	3	2	2	2	0	2	3	3
8	0	7	13	5	0	0	1	2	0	3	0	5	1	1
9	3	0	0	2	0	2	0	2	2	0	0	2	2	2
10	3	2	2	7	4	0	2	2	0	3	0	2	2	2
11	2	0	2	2	0	2	3	2	0	2	2	2	2	2
12	2	0	2	2	0	0	2	2	2	3	2	9	2	2
13	0	0	0	2	***	2	2	2	2	7	5	2	3	3
14	9	3	0	2	1	0	0	2	2	12	0	2	3	3
15	3	2	2	3	5	5	2	0	5	3	2	3	7	7
16	1	7	23	21	9	7	4	1	2	2	0	1	4	4
17	5	12	3	3	2	0	2	2	0	0	0	0	1	1
18	2	0	2	0	0	0	0	2	2	0	2	0	1	1
19	0	0	0	0	0	0	0	2	2	0	2	0	1	1
20	0	0	3	2	***	0	2	2	4	0	0	0	2	2
21	2	2	2	3	2	4	1	0	0	0	0	2	2	2
22	2	0	0	2	2	0	0	0	2	1	0	1	1	1
23	0	2	0	2	0	0	0	2	2	3	1	3	1	1
24	2	0	0	3	2	2	0	1	3	3	0	3	2	2
25	0	3	2	2	3	2	0	0	0	0	***	***	1	1
26	2	0	2	2	0	0	0	0	2	0	0	2	3	3
27	-	-	-	-	-	1	2	1	1	0	8	2	3	3
28	2	1	4	7	2	4	0	0	2	0	1	2	2	2
MEAN	2	2	3	4	3	2	2	1	2	2	1	2	2.1	2.1

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	4	12	3	5	3	0	1	0	0	5	1	4	
2	2	2	1	2	1	0	0	1	0	2	1	1	1	
3	0	2	3	7	7	3	0	2	1	2	2	0	2	
4	2	2	2	1	0	0	1	0	2	2	0	2	1	
5	0	4	0	3	0	0	1	0	0	0	0	0	1	
6	0	2	0	0	2	0	2	0	0	0	3	1	1	
7	3	0	0	2	2	0	0	1	0	0	2	0	1	
8	2	2	1	2	2	3	2	2	0	2	0	2	1	
9	3	0	2	2	0	0	2	0	2	2	0	2	1	
10	2	2	0	0	5	3	0	3	3	3	6	5	3	
11	3	2	3	2	3	2	3	3	3	2	2	5	3	
12	5	2	3	0	2	2	0	2	0	0	2	2	3	
13	2	0	4	4	3	2	2	2	2	0	8	2	3	
14	7	3	0	5	4	3	2	2	5	2	2	2	1	
15	2	2	0	2	0	0	2	0	0	2	2	0	1	
16	0	2	1	0	3	2	2	1	2	2	0	2	1	
17	0	3	1	2	0	2	0	0	0	0	0	3	1	
18	3	2	2	0	1	0	2	0	2	0	0	0	1	
19	0	1	3	0	2	0	2	0	0	2	2	2	2	
20	2	0	2	0	3	0	3	0	2	2	2	2	2	
21	3	5	2	2	4	3	2	6	5	5	4	3	4	
22	1	0	2	0	2	1	2	0	2	2	5	2	2	
23	3	2	0	2	3	2	2	0	2	0	0	0	1	
24	2	0	0	2	1	0	0	0	2	2	5	3	1	
25	0	5	3	1	0	2	0	0	0	3	2	3	2	
26	3	1	0	2	2	3	4	2	2	1	0	2	2	
27	0	0	0	1	1	3	2	0	0	2	2	2	1	
28	0	0	0	0	1	0	0	3	1	2	0	3	1	
29	0	3	2	3	0	0	2	0	2	0	2	0	1	
30	3	0	2	2	0	2	1	0	0	0	2	0	1	
31	2	2	0	3	1	2	0	0	2	2	3	0	1	
MEAN	2	2	2	2	2	1	1	1	1	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	2	2	1	1	2	0	3	0	2	2	
2	0	0	0	0	0	2	0	0	0	2	2	2	1	
3	0	2	2	2	0	2	2	2	3	3	0	2	2	
4	3	3	4	2	3	3	3	3	4	3	3	3	3	
5	3	1	2	0	2	1	1	1	2	1	2	0	1	
6	0	2	0	1	0	1	2	0	3	2	2	2	2	
7	4	2	0	4	2	2	2	2	2	2	0	2	1	
8	0	3	1	0	1	0	1	0	0	2	2	4	1	
9	0	0	0	1	0	0	1	0	0	2	2	2	2	
10	2	2	1	1	2	2	3	0	1	0	3	2	0	
11	0	2	2	2	2	4	3	4	4	1	1	0	2	
12	2	0	2	2	2	3	1	2	1	3	2	3	2	
13	2	3	4	5	6	2	2	0	0	0	0	2	2	
14	0	3	0	7	3	3	4	0	3	0	4	0	2	
15	2	0	3	2	2	0	0	3	0	0	2	2	1	
16	2	2	2	0	0	3	0	3	0	3	5	5	2	
17	7	7	0	2	2	0	***	0	0	5	3	2	3	
18	0	2	0	2	0	0	2	2	0	0	2	0	1	
19	0	3	1	5	2	2	2	2	0	2	2	0	2	
20	0	3	0	3	2	2	0	0	2	0	0	2	1	
21	2	2	0	3	0	3	0	0	2	1	3	0	1	
22	2	3	0	2	0	2	0	0	0	3	0	2	1	
23	5	0	2	0	2	0	2	0	3	2	0	1	1	
24	2	0	0	2	0	3	0	0	2	0	2	9	2	
25	0	2	0	2	0	0	0	0	0	3	11	9	2	
26	5	11	11	2	3	0	3	5	2	2	5	3	4	
27	3	9	2	3	3	1	3	1	2	2	9	15	4	
28	13	13	7	2	0	0	0	0	3	2	0	2	4	
29	1	2	6	3	2	0	0	0	0	0	2	2	2	
30	2	0	0	2	0	0	2	0	0	2	0	2	1	
MEAN	2	3	2	2	2	1	1	1	1	2	2	3	1.9	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - MAY 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	2	0	2	3	0	2	0	3	1
2	0	0	0	2	3	0	2	0	2	0	3	0	1
3	0	0	2	3	0	0	0	2	0	2	0	2	1
4	0	0	2	1	0	2	0	3	2	0	2	2	2
5	2	5	4	2	3	0	0	2	0	3	0	1	1
6	2	0	3	0	3	0	0	0	0	2	0	3	1
7	2	0	2	0	0	0	1	0	2	1	0	0	2
8	3	2	2	5	3	2	2	3	0	2	2	3	2
9	0	2	2	0	0	2	4	3	0	2	2	2	2
10	1	1	3	0	0	3	3	2	0	2	2	2	2
11	2	5	2	2	5	3	0	0	1	3	3	0	2
12	4	3	2	4	2	2	6	9	3	1	3	3	3
13	2	1	5	4	3	0	2	1	2	0	5	0	2
14	3	0	2	0	0	0	0	0	2	1	3	0	1
15	2	2	1	0	2	3	0	3	0	2	0	0	1
16	0	2	0	3	1	2	****	2	3	0	2	3	2
17	0	2	2	3	2	1	0	0	3	0	3	5	2
18	2	5	2	5	0	3	2	2	0	3	3	0	2
19	5	3	2	6	0	3	3	2	2	0	3	2	3
20	3	0	3	2	0	0	1	1	5	2	3	1	2
21	2	0	2	0	2	0	2	0	0	3	0	3	1
22	0	3	0	2	0	3	0	0	0	2	0	3	1
23	0	0	2	2	3	2	0	3	3	0	3	4	2
24	3	4	6	2	3	2	3	3	0	2	2	0	3
25	6	2	2	3	5	0	0	3	2	3	0	5	4
26	2	2	5	7	3	3	1	0	3	5	7	0	2
27	4	3	2	4	0	3	2	2	2	3	1	0	2
28	3	5	0	0	5	0	0	0	5	0	2	0	2
29	4	2	2	0	2	****	-	-	-	-	-	-	*****
30							-	-	-	-	-	-	
31							-	-	-	-	-	-	
MEAN	2	2	2	2	2	1	1	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							-	-	-	-	-	-	-
2							-	-	-	-	-	-	-
3							-	-	-	-	-	-	-
4							-	-	-	-	-	-	-
5							-	-	-	-	-	-	-
6							-	-	-	-	-	-	-
7							-	-	-	-	-	-	-
8							-	-	-	-	-	-	-
9							-	-	-	-	-	-	-
10							-	-	-	-	-	-	-
11							-	-	-	-	-	-	-
12							-	-	-	-	-	-	-
13							-	-	-	-	-	-	-
14							-	-	-	-	-	-	-
15							-	-	-	-	-	-	-
16							-	-	-	-	-	-	-
17							-	-	-	-	-	-	-
18							-	-	-	-	-	-	-
19							-	-	-	-	-	-	-
20							-	-	-	-	-	-	-
21							-	-	-	-	-	-	-
22							-	-	-	-	-	-	-
23	****	****	****	****	****	****	-	2	0	2	3	0	*****
24	2	1	5	2	3	0	2	0	0	0	0	0	1
25	0	0	0	2	0	0	0	2	2	4	5	2	2
26	0	3	0	2	0	5	2	2	4	2	1	1	2
27	3	5	1	2	2	1	2	0	2	2	3	2	1
28	0	2	1	0	2	0	2	2	1	1	0	2	1
29	0	3	0	4	1	0	1	2	0	1	2	2	1
30	2	0	0	3	0	0	1	2	0	1	2	2	1
MEAN	1	2	1	2	1	1	1	2	1	2	2	1	1.4

PERCENTAGE OF DATA VALID - 24.7

PERCENTAGE OF DATA INVALID - 75.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	0	2	0	0	0	0	0	0	3	1	
2	2	2	5	2	3	0	2	0	2	0	2	0	2	
3	2	2	5	1	0	0	0	2	0	3	2	2	2	
4	2	2	2	4	0	0	2	2	1	3	2	4	2	
5	2	2	0	1	0	3	4	2	3	2	2	4	2	
6	2	2	0	2	0	2	1	2	3	2	2	2	2	
7	0	3	2	1	2	5	5	2	4	3	0	5	3	
8	3	2	2	4	2	2	0	2	2	3	1	3	2	
9	0	2	4	0	2	1	0	2	0	2	0	0	1	
10	1	1	1	0	3	1	3	0	0	2	2	2	1	
11	0	1	2	2	-	-	****	0	2	0	2	2	1	
12	0	0	2	1	0	0	2	0	2	2	0	2	1	
13	2	0	0	3	3	1	2	2	2	0	3	1	2	
14	0	2	3	2	3	2	1	0	1	0	5	2	2	
15	7	4	2	4	2	2	2	0	2	0	5	1	3	
16	3	2	2	2	2	1	1	1	2	2	0	0	2	
17	0	1	2	2	2	3	4	2	0	4	1	2	2	
18	2	4	0	2	1	2	2	1	2	2	1	1	2	
19	0	4	0	3	2	3	0	6	2	6	6	4	3	
20	1	2	2	2	2	2	1	2	0	2	3	2	2	
21	2	8	4	3	6	2	2	1	4	2	3	3	3	
22	1	0	2	2	0	0	1	2	0	1	0	0	1	
23	2	3	2	2	4	1	0	0	1	0	2	1	1	
24	0	0	0	4	1	1	0	0	1	0	3	2	1	
25	0	3	3	3	3	2	0	0	0	2	0	1	1	
26	3	7	1	2	2	0	3	1	2	1	2	0	2	
27	5	1	3	0	1	2	1	0	2	0	1	0	1	
28	2	3	0	1	0	2	0	2	0	0	0	1	1	
29	2	1	2	2	0	0	1	0	2	0	2	1	1	
30	1	1	0	1	1	2	0	2	2	2	0	1	1	
31	6	2	3	1	0	0	0	1	2	0	2	0	1	
MEAN	2	2	2	2	2	1	1	1	1	1	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	4	1	2	0	1	2	3	2	3	3	2	
2	8	0	4	2	0	0	0	3	1	2	5	2	2	
3	1	0	6	5	1	1	2	2	1	2	0	0	2	
4	1	2	0	4	3	0	2	1	1	0	0	1	1	
5	0	2	0	2	1	2	2	0	0	4	0	0	1	
6	2	2	0	2	3	1	2	2	2	1	0	6	2	
7	0	2	0	1	2	0	0	1	0	2	2	0	1	
8	4	2	2	2	0	3	0	5	2	3	0	3	2	
9	1	2	1	3	0	2	2	2	2	1	3	0	2	
10	0	1	0	4	0	1	0	0	2	0	2	2	1	
11	1	0	1	3	2	0	4	3	1	1	0	2	2	
12	2	5	2	2	1	0	2	2	2	2	3	1	2	
13	0	3	0	2	0	2	0	5	0	1	3	2	2	
14	2	2	2	2	6	0	0	1	3	1	2	2	2	
15	2	2	2	2	2	2	2	2	1	2	4	2	2	
16	1	2	2	2	2	2	1	0	3	2	2	3	2	
17	0	2	0	3	0	1	1	2	1	1	0	0	1	
18	1	2	1	1	0	0	0	2	1	0	2	2	1	
19	0	0	2	2	3	1	0	2	2	2	0	0	1	
20	0	2	1	1	0	2	0	1	0	2	2	1	1	
21	3	3	2	3	0	2	0	0	1	1	1	2	2	
22	7	0	2	2	1	2	0	0	1	1	0	2	2	
23	1	2	2	1	0	0	2	0	0	0	2	1	1	
24	0	1	0	0	0	1	3	1	0	0	2	1	1	
25	4	2	2	3	0	3	0	2	0	1	2	4	2	
26	2	2	0	2	1	2	0	0	0	0	2	0	1	
27	0	1	2	2	1	0	0	0	3	0	0	0	1	
28	1	0	2	2	0	3	0	4	1	1	0	2	1	
29	1	0	2	0	2	1	0	0	3	2	0	2	1	
30	0	0	3	1	0	2	0	2	1	4	0	2	1	
31	2	2	1	2	2	2	3	2	2	4	4	13	3	
MEAN	1	2	2	2	1	1	1	2	1	1	1	2	1.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	2	3	4	2	1	0	0	0	3	0	3	2
2	0	2	2	2	2	0	2	1	2	0	4	2	2
3	3	2	2	1	3	2	3	3	0	0	2	0	2
4	2	0	0	2	0	0	0	0	1	0	5	4	2
5	0	0	2	2	0	3	4	2	3	3	2	2	2
6	1	0	0	3	3	2	0	0	2	0	2	6	1
7	0	0	0	2	2	0	0	2	0	2	2	2	2
8	3	5	4	1	3	3	1	1	2	2	3	1	1
9	0	0	0	2	0	2	2	0	3	2	4	0	2
10	3	4	3	2	1	2	2	0	3	2	4	0	2
11	2	0	4	3	2	2	2	1	3	5	2	3	2
12	0	3	0	1	0	1	2	0	2	2	3	2	1
13	2	2	1	2	2	0	0	1	5	2	4	6	2
14	9	3	5	5	2	2	2	0	0	2	1	1	3
15	2	1	2	2	2	2	2	0	2	2	0	3	2
16	2	0	2	3	0	4	0	0	2	1	3	0	1
17	2	0	0	3	0	2	0	0	0	2	2	2	1
18	1	2	2	2	2	1	2	2	3	3	1	2	2
19	2	4	3	0	5	2	5	0	3	6	8	18	5
20	6	5	2	3	3	0	2	2	2	3	2	2	3
21	2	0	3	1	****	7	2	0	0	-	-	-	2
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
MEAN	3	2	2	2	2	2	1	1	2	2	3	3	2.0

PERCENTAGE OF DATA VALID - 68.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 30.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - OCT 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1					0	1	- DATA UNAVAILABLE -		2	0	3	5	2
2					2	2	2	5	2	3	0	2	2
3	3	3	3	2	2	0	0	3	2	2	5	4	3
4	1	2	2	3	2	0	0	3	0	4	3	2	2
5	2	5	2	0	11	3	0	3	0	4	2	1	2
6	2	3	2	2	1	3	0	3	1	0	2	2	1
7	0	0	2	0	2	2	0	0	3	0	0	0	1
8	0	0	0	0	2	0	2	0	0	2	0	0	1
9	2	0	0	0	2	2	0	2	6	0	2	0	2
10	2	0	0	3	4	2	0	2	6	0	2	0	2
11	3	2	2	5	5	3	5	5	5	3	7	5	4
12	4	2	2	3	2	5	1	2	2	5	2	1	3
13	3	0	2	2	5	0	2	0	0	1	2	0	1
14	2	2	2	0	1	1	4	0	5	0	1	2	2
15	0	2	2	0	2	0	3	2	0	2	2	3	2
16	0	0	2	0	2	4	0	2	2	2	11	9	3
17	3	2	5	3	5	3	2	***	***	***	***	***	2
18	***	***	***	***	0	0	3	2	3	0	5	4	2
19	5	2	2	2	2	0	3	0	3	2	4	6	3
20	3	4	9	3	2	0	3	1	2	1	3	0	3
21	0	2	2	2	2	2	4	2	1	2	2	2	2
22	0	4	5	1	4	2	4	2	0	0	3	3	2
23	2	6	0	0	0	6	1	2	2	2	0	2	2
24	2	1	2	1	0	0	0	2	2	2	1	2	1
25	0	5	3	3	2	0	0	2	0	2	3	1	2
26	2	2	6	0	2	0	***	3	4	2	0	2	2
27	0	0	3	2	0	0	0	3	0	3	0	2	1
28	2	0	0	0	3	0	2	0	2	3	5	3	2
29	1	2	2	4	3	2	0	0	0	0	2	2	3
30	2	16	5	7	5								
31	0	2	0	0	2	2	3	2	5	2	2	0	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	4	2	3	5	2	2	0	0	2	2	0	2		
2	0	0	2	0	2	3	2	3	2	2	3	3	2		
3	5	3	6	6	9	8	8	0	2	3	6	3	5		
4	5	15	9	11	8	3	2	3	2	6	3	2	6		
5	5	3	2	0	2	4	0	3	2	6	6	2	3		
6	2	3	0	2	2	9	7	5	4	3	1	2	3		
7	0	3	2	0	2	0	3	3	2	0	4	0	2		
8	11	3	7	5	5	2	4	0	7	0	2	0	4		
9	3	2	3	0	2	0	2	2	3	3	3	2	2		
10	3	6	6	0	2	0	5	2	3	0	3	6	3		
11	2	2	0	5	7	5	3	3	4	3	0	2	3		
12	0	0	0	2	0	2	0	0	2	3	2	0	1		
13	0	3	0	2	0	3	0	5	2	3	2	4	2		
14	0	5	4	2	2	4	2	1	2	0	3	0	2		
15	2	2	5	2	2	0	0	0	4	0	2	5	2		
16	2	0	0	4	0	3	0	2	5	11	11	15	4		
17	7	5	5	9	2	3	5	0	3	2	0	2	4		
18	2	0	2	2	0	0	0	0	2	0	2	0	1		
19	2	3	0	0	1	0	2	0	4	0	2	3	1		
20	0	3	3	0	2	0	0	0	0	3	2	3	1		
21	0	2	0	2	3	0	2	2	2	3	5	11	3		
22	4	9	14	2	7	5	0	3	7	7	6	4	6		
23	7	3	5	5	5	0	2	2	3	2	1	0	3		
24	2	0	0	3	2	2	2	0	2	3	0	0	1		
25	0	0	1	0	1	0	0	2	2	0	0	0	1		
26	3	0	2	0	1	2	4	1	0	0	2	1	1		
27	3	2	5	0	3	0	2	3	2	5	4	0	2		
28	3	2	0	2	2	6	2	2	1	1	1	4	2		
29	1	2	7	10	8	3	1	1	7	1	0	2	4		
30	0	3	0	3	1	1	0	0	0	0	0	0	1		
MEAN	2	3	3	3	3	2	2	2	3	2	3	3	2.5		

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "--" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	6	0	2	0	0	0	3	0	0	2	3	1		
2	0	0	2	0	2	0	2	1	2	3	3	2	1		
3	5	3	2	2	5	4	2	2	1	1	3	2	3		
4	2	2	2	7	7	8	0	3	0	0	2	3	3		
5	0	2	2	1	3	0	1	0	3	0	2	1	1		
6	2	0	2	3	0	0	1	0	2	0	3	2	1		
7	3	0	3	0	1	0	2	2	2	3	0	2	2		
8	5	0	5	5	0	2	4	5	0	1	3	0	3		
9	1	0	2	0	1	2	0	2	2	3	2	0	1		
10	0	3	0	0	2	0	0	3	3	2	2	3	2		
11	0	2	0	0	2	1	2	0	0	0	2	3	1		
12	3	2	2	3	0	7	0	2	2	3	0	1	2		
13	0	3	2	0	3	0	0	2	1	2	0	0	1		
14	0	3	0	0	3	2	1	3	0	0	2	2	1		
15	1	0	2	1	2	3	1	0	2	1	0	2	1		
16	0	0	2	5	0	1	0	0	2	0	4	5	2		
17	1	2	2	0	3	0	3	0	0	2	0	0	1		
18	2	0	0	0	0	1	0	1	0	0	2	2	1		
19	0	0	3	3	0	1	0	1	0	2	2	1	1		
20	1	0	3	0	0	3	1	2	3	2	0	0	1		
21	0	0	2	1	2	0	2	0	3	0	3	0	1		
22	1	0	0	3	1	0	0	2	3	3	4	0	1		
23	0	0	1	3	4	0	0	3	0	3	0	5	2		
24	0	0	3	3	1	3	3	3	3	3	0	3	2		
25	3	0	0	1	2	0	2	3	0	0	1	3	1		
26	0	1	0	0	3	0	1	0	1	0	1	2	1		
27	0	2	0	2	0	5	0	3	0	0	0	0	1		
28	3	0	0	0	0	3	0	0	2	0	0	3	1		
29	3	0	0	2	0	0	3	0	0	2	3	9	2		
30	0	3	2	0	3	0	2	2	3	0	3	5	2		
31	2	1	1	0	0	2	0	1	3	0	2	2	1		
MEAN	1	1	1	2	2	2	1	2	1	1	2	2	1.5		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "--" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	8	17
FEB	27	2.1	7	23
MAR	31	1.6	4	12
APR	30	1.9	4	15
MAY	28	1.8	4	7
JUN	7	1.4	2	5
JUL	31	1.7	3	8
AUG	31	1.5	3	13
SEP	21	2.0	5	18
OCT	29	2.0	4	16
NOV	30	2.5	6	15
DEC	31	1.5	3	9
YEAR	327	1.8	8	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	331	32	5	2	0	0	0	370
FEB	294	26	3	1	2	0	0	326
MAR	350	21	1	0	0	0	0	372
APR	334	19	6	0	0	0	0	359
MAY	315	25	0	0	0	0	0	340
JUN	85	4	0	0	0	0	0	89
JUL	353	16	0	0	0	0	0	369
AUG	361	10	1	0	0	0	0	372
SEP	230	16	1	1	0	0	0	248
OCT	309	34	2	1	0	0	0	346
NOV	295	57	8	0	0	0	0	360
DEC	354	17	0	0	0	0	0	371
YEAR	3611	277	27	5	2	0	0	3922

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.5	0	0.0	0.0	1.3	1.9	3.4	4.7	6.7	8.8	23	1.8

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	0	0	0	0	3	3	0	0	2	1	1	1
2	2	0	0	0	0	1	2	0	3	3	2	2	1	1
3	0	0	0	0	0	3	0	1	2	3	5	4	2	2
4	2	4	2	2	0	3	1	0	3	3	1	3	2	2
5	0	2	2	2	5	0	3	0	2	2	0	6	2	2
6	2	3	0	2	2	0	8	0	1	0	0	2	2	2
7	4	0	2	2	2	0	4	0	0	3	0	2	2	2
8	2	1	3	2	0	0	6	5	2	0	0	6	2	2
9	4	2	0	0	0	0	3	0	0	3	2	1	1	1
10	3	0	0	0	2	0	3	0	0	2	2	0	1	1
11	0	2	0	2	0	0	0	0	2	3	0	3	1	1
12	1	0	0	0	0	0	0	0	0	3	6	2	1	1
13	5	0	0	0	3	0	3	1	0	2	1	0	1	1
14	2	1	2	1	1	0	0	2	0	3	0	0	1	1
15	3	2	0	2	0	3	0	0	0	1	0	2	1	1
16	0	3	0	2	0	3	0	0	0	3	4	2	1	1
17	2	4	3	0	2	3	0	0	2	0	2	3	2	2
18	2	0	0	1	1	3	3	0	0	4	3	8	2	2
19	2	4	2	3	9	3	3	3	5	4	3	2	4	4
20	2	0	2	3	0	2	0	1	2	2	1	1	1	1
21	2	0	2	0	3	0	2	0	3	0	3	3	2	2
22	4	11	5	5	3	0	2	1	2	0	3	4	3	3
23	0	1	6	0	2	2	5	0	5	2	0	2	2	2
24	2	3	3	9	1	6	3	2	0	7	2	2	3	3
25	3	3	2	3	9	0	3	3	1	1	2	0	3	3
26	1	0	2	1	3	2	2	0	0	0	2	2	1	1
27	0	2	0	0	2	0	3	2	2	0	0	0	1	1
28	0	0	0	2	2	0	3	0	2	2	0	0	2	2
29	2	3	2	2	0	1	3	2	0	3	0	5	2	2
30	5	3	0	2	0	-	0	0	0	3	0	5	2	2
31	2	3	7	7	2	9	2	5	3	2	2	2	4	4
MEAN	2	2	2	2	2	1	2	1	1	2	2	2	1.8	1.8

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	3	0	3	3	2	3	0	0	2	2
2	2	3	0	2	3	2	2	0	3	5	2	5	2	2
3	2	0	4	5	3	7	0	2	3	2	0	3	3	3
4	5	2	2	2	5	1	3	2	0	6	7	7	4	4
5	5	0	2	2	0	3	0	2	0	2	2	2	2	2
6	0	2	0	2	0	0	0	0	0	2	0	3	1	1
7	2	0	0	2	0	2	2	2	3	0	0	2	1	1
8	0	0	0	2	3	1	0	2	0	1	3	3	1	1
9	3	2	3	2	2	0	1	2	0	2	0	3	2	2
10	0	2	3	5	2	1	0	2	2	6	3	0	2	2
11	0	0	5	2	2	2	2	3	0	2	2	0	2	2
12	0	0	0	0	2	2	0	0	0	3	0	3	1	1
13	0	0	3	0	0	0	0	3	0	2	3	3	0	1
14	0	0	0	0	2	2	0	2	3	2	2	0	1	1
15	3	0	0	2	13	2	1	0	3	2	2	11	3	3
16	3	7	5	6	7	1	3	2	0	5	0	5	4	4
17	2	2	7	3	2	3	2	0	0	0	0	0	2	2
18	3	7	7	2	7	3	0	5	0	0	0	0	3	3
19	3	0	3	0	2	0	0	0	1	2	2	1	1	1
20	7	3	3	3	7	1	2	0	3	2	3	2	3	3
21	1	3	0	2	1	2	0	2	0	0	2	3	1	1
22	0	1	2	0	0	2	0	1	0	2	0	2	1	1
23	0	5	0	0	7	0	1	0	0	3	2	2	2	2
24	0	4	2	3	0	2	0	0	0	2	2	7	2	2
25	3	0	5	0	2	2	2	0	5	2	2	2	2	2
26	0	2	0	0	2	0	0	0	0	0	0	2	1	1
27	1	2	0	3	0	5	0	0	0	0	1	2	1	1
28	2	1	2	3	7	2	0	0	0	4	3	3	2	2
MEAN	2	2	2	2	3	2	1	1	1	2	2	3	1.8	1.8

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	3	0	2	0	0	3	0	2	2	2
2	0	0	0	3	2	0	3	0	2	1	0	4	1	1
3	1	8	2	0	2	2	1	0	....	....	....	....	2	2
4							- DATA INVALID -							
5							- DATA INVALID -							
6							- DATA INVALID -							
7							- DATA INVALID -							
8	....	....	....	....	....	....	0	2	0	3	6	2	....	....
9	0	2	0	3	7	0	2	2	3	0	3	2	2	2
10	5	3	5	3	0	2	1	0	2	5	0	2	2	2
11	2	7	2	2	0	1	3	4	1	2	0	2	2	2
12	3	2	3	2	3	1	2	0	3	2	0	2	2	2
13	2	0	2	2	2	0	0	1	1	1	3	0	1	1
14	0	2	2	2	4	0	0	0	2	0	2	0	1	1
15	2	0	2	0	2	1	1	0	0	0	0	3	1	1
16	0	3	0	2	2	0	2	0	0	0	2	1	1	1
17	1	3	0	0	2	2	0	0	0	1	2	0	1	1
18	2	0	0	2	0	3	0	0	1	0	1	0	1	1
19	0	3	2	2	2	3	0	2	0	2	0	3	1	1
20	0	0												
21	0	2	2	2	3	3	0	2	2	0	0	2	2	2
22	0	2	0	0	0	3	0	0	3	2	2	0	1	1
23	0	0	2	3	0	0	0	2	0	2	0	0	1	1
24	2	2	0	0	0	2	2	0	3	0	0	0	1	1
25	2	0	1	2	0	0	0	0	1	0	2	0	1	1
26	2	0	2	0	0	0	0	2	0	2	2	0	1	1
27	0	0	0	2	2	0	0	0	2	2	3	0	2	2
28	2	1	2	2	3	0	0	3	0	0	0	9	2	2
29	0	0	2	0	2	3	0	4	3	0	0	2	3	3
30	0	2	0	3	9	5	2	4	3	0	0	2		
31	0	5	0	5	0	2	0	0	2	0	0	2	1	1
MEAN	1	2	1	2	2	1	1	1	1	1	1	2	1.4	

PERCENTAGE OF DATA VALID - 84.4

PERCENTAGE OF DATA INVALID - 15.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	3	0	0	2	2	0	0	0	1	0
2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
3	0	5	0	0	0	7	0	0	7	4	5	2	3	3
4	2	0	2	0	2	0	2	3	2	3	2	0	2	2
5	0	2	0	7	2	0	2	0	0	3	5	0	2	2
6	2	3	0	3	7	5	0	5	0	5	0	0	3	3
7	2	0	0	5	3	0	0	0	3	0	2	3	2	2
8	3	0	7	0	3	0	0	0	2	2	0	2	2	2
9	5	13	9	0	0	0	0	0	3	0	0	2	3	3
10	0	9	0	5	2	3	5	0	2	0	2	0	2	2
11	0	2	5	0	3	5	5	0	2	12	7	0	3	3
12	4	0	1	0	2	3	2	0	2	0	7	12	0	3
13	0	9	5	0	0	0	5	0	2	2	0	0	2	2
14	7	2	0	0	2	2	0	0	0	3	0	0	1	1
15	2	7	0	0	0	0	0	3	2	3	0	0	1	1
16	2	2	0	4	0	0	3	3	0	3	2	3	2	2
17	3	0	0	2	3	0	0	0	5	2	0	2	2	2
18	0	1	7	0	3	2	0	0	4	0	0	2	2	2
19	0	2	5	0	8	0	0	5	2	4	0	3	2	2
20	0	0	1	0	0	3	3	3	0	0	0	0	1	1
21	9	0	7	5	0	2	0	5	2	0	3	0	3	3
22	0	5	9	0	0	0	0	0	3	0	0	3	2	2
23	2	0	0	0	2	2	3	0	4	0	0	0	1	1
24	9	5	0	0	2	....	3	0	2	2	0	0	2	2
25	0	0	0	3	0	2	0	0	0	2	0	0	1	1
26	3	0	0	2	0	0	3	2	0	2	2	2	1	1
27	0	3	2	0	0	2	0	0	0	0	0	0	1	1
28	0	0	2	0	0	0	2	2	3	5	0	0	1	1
29	2	0	3	0	0	0	0	4	2	0	2	0	1	1
30	2	2	0	2	0	0	0	0	2	0	0	0	1	1
MEAN	2	2	2	1	2	1	1	1	2	2	1	1	1.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	3	0	0	0	2	0	0	0	1	1
2	0	2	3	0	0	2	0	0	3	3	0	0	1	1
3	0	2	0	2	3	2	0	0	0	0	2	3	1	1
4	1	2	0	0	0	****							*****	
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	0	2	1	1	2	1	0	0	2	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 11.0

PERCENTAGE OF DATA INVALID - 73.1

PERCENTAGE OF DATA UNAVAILABLE - 15.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19	****	****	****	****	****	****	****	****	0	3	3	3	*****	
20	2	4	2	2	5	2	2	3	5	1	2	0	3	
21	4	1	2	0	2	3	0	2	4	1	3	2	2	
22	2	2	0	3	3	0	4	0	0	1	3	2	2	
23	0	0	0	3	2	2	2	0	2	0	3	0	1	
24	2	0	0	0	0	3	2	0	0	0	0	2	1	
25	0	0	2	0	0	2	0	2	0	4	1	1	1	
26	1	2	5	3	3	2	1	0	3	3	2	2	2	
27	0	0	2	0	4	3	2	2	0	2	0	2	1	
28	2	2	3	2	1	0	2	0	1	1	0	2	1	
29	2	2	3	2	1	0	3	4	2	7	2	3	3	
30	1	3	2	4	2	2	0	0	2	3	1	0	2	
31	1	0	0	0	2	2	0	0	0	0	1	4	1	
MEAN	1	1	2	2	2	2	2	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 39.8

PERCENTAGE OF DATA INVALID - 60.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	0	2	1	0	2	0	0	2	0	1	
2	2	1	4	2	0	0	2	1	1	2	2	2	2	
3	2	2	1	1	0	0	3	2	2	0	0	***	1	
4	***	***	***	***	***	***	0	0	0	1	2	5	***	
5	7	8	2	11	4	4	2	2	2	0	3	2	4	
6	0	0	3	4	0	2	3	2	2	0	1	5	2	
7	0	0	0	0	1	3	2	2	2	2	3	0	1	
8	2	2	2	2	1	0	2	0	1	3	9	6	2	
9	4	5	8	3	3	0	2	2	1	6	5	0	3	
10	0	0	0	3	8	2	3	2	7	7	7	12	4	
11	11	2	7	10	10	5	0	0	2	9	9	2	6	
12	0	2	3	2	3	2	5	1	6	0	3	3	3	
13	6	2	0	1	1	3	3	2	1	0	2	2	2	
14	2	0	0	3	0	2	2	2	3	2	2	2	2	
15	3	2	2	1	2	0	0	2	2	5	3	0	2	
16	2	2	1	2	0	0	0	2	2	7	3	8	2	
17	5	5	7	16	11	3	2	2	2	5	5	11	6	
18	7	3	5	7	5	2	3	5	3	8	2	2	4	
19	3	3	2	3	3	0	2	1	4	3	2	1	2	
20	2	2	3	3	5	0	0	3	2	2	2	5	2	
21	7	2	5	5	3	3	3	4	5	3	6	3	4	
22	2	4	2	2	2	2	0	3	4	2	2	5	3	
23	0	3	1	2	2	0	2	1	2	0	2	4	2	
24	6	6	6	10	6	26	2	2	0	3	3	6	6	
25	3	3	8	5	5	1	7	2	4	3	2	3	4	
26	2	3	3	1	0	0	0	0	0	3	0	0	1	
27	2	1	3	2	0	3	0	5	2	5	5	5	3	
28	3	0	2	2	3	0	0	0	1	2	8	5	2	
29	6	1	2	2	0	0	0	2	2	15	16	11	5	
30	6	2	2	6	0	2	7	3	3	2	8	7	4	
31	3	2	2	7	5	2	3	0	3	2	3	0	3	
MEAN	3	2	3	4	3	2	2	2	2	3	4	4	2.9	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	11	7	9	0	3	0	3	3	4	4	4	
2	2	2	3	3	6	1	7	0	2	2	7	4	3	
3	7	5	3	7	7	0	0	3	5	3	6	3	4	
4	6	7	2	8	5	6	9	5	8	7	11	10	7	
5	3	6	6	7	3	6	5	3	3	3	5	0	4	
6	5	3	6	5	5	5	2	2	0	2	0	3	3	
7	1	2	0	3	0	2	0	0	2	9	3	5	2	
8	5	3	2	6	8	0	3	0	1	4	2	6	3	
9	1	3	0	3	2	0	3	2	8	5	11	5	4	
10	10	5	5	2	0	0	1	2	5	3	0	3	3	
11	0	4	2	3	5	3	3	4	3	6	2	2	3	
12	2	1	0	2	0	0	0	0	0	1	0	1	1	
13	0	3	0	0	2	3	3	5	0	2	2	2	2	
14	4	1	2	1	3	2	2	0	1	1	0	2	2	
15	2	0	0	3	0	2	3	0	0	3	3	3	2	
16	2	4	0	6	3	1	0	2	2	2	7	2	3	
17	2	2	0	2	0	4	1	0	3	1	2	0	1	
18	1	0	3	0	0	0	0	0	2	0	1	1	1	
19	2	2	0	2	3	0	0	0	2	0	3	2	1	
20	2	2	0	2	0	2	0	2	2	3	2	2	2	
21	1	0	0	0	3	2	3	2	4	2	2	8	2	
22							- DATA INVALID -							
23							- DATA INVALID -							
24							- DATA INVALID -							
25							- DATA INVALID -							
26							- DATA INVALID -							
27	***	***	***	***	***	***	-	2	0	4	0	4	***	
28	0	2	2	4	2	2	2	1	4	2	2	5	2	
29	3	3	5	2	1	3	5	2	3	0	5	2	3	
30	2	2	3	0	0	1	0	2	3	0	4	2	2	
MEAN	3	3	2	3	3	2	2	2	3	3	3	3	2.6	

PERCENTAGE OF DATA VALID - 81.4

PERCENTAGE OF DATA INVALID - 18.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH - DEC 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	3	***	0	6	3	9	2	0	2	3
2	3	2	2	1	3	0	3	3	6	1	3	1	2
3	0	3	1	2	0	0	2	3	2	0	1	4	2
4	2	6	2	6	2	3	3	1	2	5	2	2	3
5	0	3	0	0	3	5	2	3	3	3	3	3	2
6	0	2	4	1	6	2	0	2	0	2	0	2	2
7	3	2	0	3	0	2	2	1	0	2	2	1	2
8	2	2	2	7	10	4	1	2	2	2	2	2	3
9	1	1	2	2	3	3	3	0	0	2	3	3	2
10	3	2	0	5	3	1	2	0	1	4	5	2	2
11	2	0	3	0	5	2	3	3	3	2	1	4	2
12	4	6	6	3	2	1	0	2	3	3	3	3	3
13	3	4	1	2	3	1	3	0	2	0	2	0	2
14	0	2	1	2	2	1	0	3	3	5	4	3	2
15	2	0	3	2	3	1	2	2	3	3	4	2	3
16	5	2	2	4	4	7	3	2	2	2	2	2	2
17	4	2	2	2	3	0	2	0	3	0	2	2	2
18	2	0	3	3	1	2	2	5	4	3	5	3	4
19	2	1	2	4	3	3	16	5	4	3	5	3	2
20	1	2	1	2	0	1	1	0	2	1	2	3	1
21	3	4	1	2	1	0	0	2	2	2	2	3	2
22	1	4	5	3	3	1	5	6	4	3	4	1	3
23	2	1	1	1	3	0	2	0	4	2	10	10	3
24	8	6	2	3	2	0	0	0	3	3	3	2	3
25	0	1	3	2	2	2	2	0	2	2	2	0	2
26	0	0	0	0	0	0	2	0	2	0	4	0	1
27	0	2	0	3	2	1	0	4	2	1	2	2	2
28	0	1	3	0	4	1	0	5	3	7	4	3	3
29	2	2	2	4	2	2	1	0	2	3	1	2	2
30	3	0	3	2	2	1	0	3	3	2	5	2	2
31	4	0	5	3	2	3	3	2	5	4	2	2	3
MEAN	2	2	2	2	3	2	2	2	3	2	3	2	2.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.8	4	11
FEB	28	1.8	4	13
MAR	26	1.4	3	9
APR	30	1.7	3	13
MAY	3	1.0	1	3
JUN		DATA UNAVAILABLE		
JUL	12	1.6	3	7
AUG	29	1.5	3	9
SEP	30	1.5	3	10
OCT	30	2.9	6	26
NOV	24	2.6	7	11
DEC	31	2.3	4	16
YEAR	274	1.9	7	26

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	343	27	1	0	0	0	0	371
FEB	301	33	2	0	0	0	0	336
MAR	302	12	0	0	0	0	0	314
APR	315	41	3	0	0	0	0	359
MAY	41	0	0	0	0	0	0	41
JUN	DATA UNAVAILABLE							
JUL	144	4	0	0	0	0	0	148
AUG	336	17	0	0	0	0	0	353
SEP	344	16	0	0	0	0	0	360
OCT	286	69	7	2	1	0	0	365
NOV	234	56	3	0	0	0	0	293
DEC	337	33	0	1	0	0	0	371
YEAR	2983	308	16	3	1	0	0	3311

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

82.4

0

10

0.0

30

0.0

## CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50

1.3

70

2.0

90

4.0

95

5.3

98

7.2

99

8.8

MAX

26

ARITH

MEAN

1.9

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022

HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH - FEB 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	0	0	0	2	7	0	0	0	4	7	2	3	*****
24	0	2	3	2	3	2	2	0	4	0	0	0	1
25	4	2	0	3	0	4	2	0	0	0	0	2	2
26	3	0	2	0	0	2	2	2	0	3	4	0	2
27	3	0	2	5	4	2	2	2	0	0	0	5	1
28	0	0	2	3	2	5	2	0	0	3	0	0	2
MEAN	2	1	2	3	3	3	1	0	1	3	1	2	1.7

PERCENTAGE OF DATA VALID - 23.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 76.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - NW NO 63022	HOSPITAL 35	ALGOMA ST	NORTH,	THUNDER BAY	MONTH - MAR	78							
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	3	2	0	3	0	3	2	0	2	
2	1	0	2	2	2	0	0	2	0	0	0	0	1	
3	3	0	3	0	2	0	0	0	0	2	2	0	1	
4	0	2	7	2	0	2	3	3	3	0	0	2	2	
5	2	2	5	0	2	0	7	3	0	0	0	0	2	
6	2	2	0	5	2	3	0	0	0	0	0	2	1	
7	3	0	0	0	0	9	0	3	2	0	2	12	3	
8	8	0	0	4	3	0	2	0	3	5	0	3	2	
9	2	0	0	0	2	3	0	2	0	0	2	0	1	
10	0	0	0	0	0	2	0	0	0	0	0	0	0	
11	0	0	0	0	0	2	0	3	0	0	0	0	0	
12	1	3	0	0	2	0	0	0	0	0	2	0	1	
13	2	0	0	2	0	2	3	0	0	0	-	-	1	
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	2	1	1	1	1	2	1	1	1	1	1	2	1.3	

PERCENTAGE OF DATA VALID - 41.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 58.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022				HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY				MONTH - APR		78							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN				
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11	-	-	-	-	-	-	-	-	3	0	2	0	----				
12	2	0	2	2	7	1	2	0	3	2	0	1					
13	2	2	0	2	0	2	0	3	0	1	1	0					
14	0	4	0	0	2	0	0	2	0	0	2	0					
15	0	0	2	0	0	0	3	0	0	2	1	2					
16	2	2	0	1	0	2	0	0	2	0	3	4					
17	0	0	3	0	2	2	2	2	2	2	0	0					
18	0	5	1	0	2	0	0	2	1	0	1	3					
19	0	2	1	0	0	0	0	0	0	0	0	0					
20	0	0	0	2	2	5	0	0	0	0	0	2					
21	0	3	0	0	0	5	7	5	3	0	3	2					
22	5	2	2	1	4	3	0	2	0	2	3	0					
23	0	2	0	3	0	0	1	1	0	2	2	2					
24	1	0	1	1	2	1	3	0	3	0	4	0					
25	3	2	5	0	0	1	2	2	2	4	2	----					
26																	
27	----	----	----	----	----	----	----	----	5	6	17	5	----				
28	0	0	3	3	6	5	4	3	0	4	0	0					
29	0	2	0	0	0	5	2	0	2	0	2	0					
30	3	2	0	4	0	0	2	4	0	3	2	5					
MEAN	1	2	1	1	2	2	2	1	1	1	2	1	1				

PERCENTAGE OF DATA VALID - 58.6

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 35.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	2	2	2	2	2	3	3	2	2	
2	2	5	2	2	4	4	2	0	2	0	2	3	2	
3	2	2	3	2	2	0	0	3	3	0	3	5	2	
4	2	5	2	2	2	2	0	3	0	0	0	4	2	
5	0	2	2	2	1	7	0	3	1	0	0	1	2	
6	0	5	0	2	0	0	1	2	2	0	0	2	1	
7	2	1	2	2	2	0	2	2	2	2	0	0	1	
8	2	4	0	2	2	3	3	3	4	0	2	2	2	
9	2	3	2	2	0	0	3	2	2	5	0	0	2	
10	0	2	5	1	3	2	2	2	2	2	3	0	2	
11	3	0	2	3	2	5	0	2	2	0	2	0	2	
12	3	2	0	0	2	2	0	2	0	0	2	0	1	
13	0	0	0	0	2	0	2	2	0	2	0	0	1	
14	5	2	0	2	0	2	0	2	0	2	0	0	1	
15	0	2	0	5	3	0	2	1	0	2	3	3	2	
16	2	0	0	2	9	4	1	2	1	0	3	2	2	
17	3	3	0	2	9	3	3	0	2	3	2	0	3	
18	0	3	0	2	3	5	1	4	4	0	1	2	2	
19	0	2	3	2	5	3	2	1	5	0	2	0	2	
20	2	2	2	2	0	0	0	2	3	0	0	0	1	
21	3	2	2	0	2	2	2	2	0	0	5	2	2	
22	0	2	2	2	2	2	0	2	3	2	2	0	2	
23	2	2	2	2	2	3	1	2	2	4	3	3	2	
24	3	0	3	3	4	0	2	0	2	3	3	2	2	
25	5	3	4	7	2	3	0	5	2	2	5	2	3	
26	2	0	5	2	2	2	3	0	5	2	0	0	2	
27	3	3	2	5	2	0	3	0	3	3	0	3	2	
28	2	3	2	2	0	0	0	3	2	2	2	0	2	
29	3	2	0	2	0	0	3	2	3	2	2	0	2	
30	2	0	0	0	0	6	2	3	0	2	0	1	1	
31	1	2	2	0	0	2	2	3	0	0	0	2	1	
MEAN	2	2	2	2	2	2	1	2	2	1	2	1	1.8	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	3	0	3	0	1	0	0	2	1	
2	2	0	0	0	0	0	0	0	0	0	3	0	0	
3	3	0	2	2	4	2	0	2	0	2	2	0	2	
4	2	0	0	0	2	0	2	2	0	4	0	3	1	
5	0	0	0	2	0	3	3	0	3	0	7	0	2	
6	2	0	3	6	6	2	0	3	0	0	3	0	2	
7	0	0	0	2	2	0	2	0	0	0	2	3	1	
8	5	0	2	5	2	2	0	0	0	0	2	2	2	
9	0	0	0	0	0	0	2	2	2	2	2	0	1	
10	0	0	0	2	0	2	0	0	0	3	3	0	1	
11	0	1	2	5	2	2	0	0	0	2	2	0	1	
12	0	0	0	0	2	0	0	1	0	2	3	0	1	
13	0	0	2	2	0	3	2	0	3	0	1	3	1	
14	0	0	3	5	2	0	0	0	0	2	1	0	1	
15	0	0	1	2	0	3	1	0	3	0	2	0	1	
16	0	2	0	2	5	2	2	3	3	2	3	3	2	
17	3	2	2	3	2	2	2	0	2	0	2	2	2	
18	0	0	0	0	0	0	0	0	0	2	2	5	1	
19	0	0	3	4	2	0	0	2	0	2	0	2	1	
20	0	0	0	2	5	2	0	0	0	0	2	1	1	
21	0	0	0	0	0	0	0	0	0	0	2	2	0	
22	0	2	0	2	2	2	0	2	0	3	0	3	1	
23	0	0	3	2	2	0	3	0	2	0	0	2	1	
24	0	0	0	2	2	2	2	0	2	1	3	2	1	
25	0	5	0	3	0	2	0	0	0	2	2	0	1	
26	2	2	0	2	0	2	3	0	2	2	1	2	2	
27	0	2	0	2	2	0	2	0	3	0	0	2	1	
28	0	0	0	0	0	0	***	0	0	0	0	0	*****	
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
MEAN	1	1	1	2	2	1	1	1	1	1	2	2	1.2	

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 8.1

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022

HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH - JUL 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN													

PERCENTAGE OF DATA VALID - 57.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 41.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022

HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH - AUG 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN													

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	2	3	4	1	2	0	0	2	3	2	2
2	2	2	4	4	1	3	0	0	0	0	2	0	2	2
3	2	2	0	0	3	0	2	2	2	0	3	2	2	2
4	4	0	0	-	-	-	-	-	-	-	-	-	*****	
5														
6														
7														
8	-	-	-	-	-	****	0	2	3	0	0	3	*****	
9	0	0	3	0	3	2	1	0	0	0	2	2	1	1
10	2	3	0	3	3	2	2	0	2	0	2	1	2	2
11	0	7	0	2	0	5	0	3	2	0	5	0	2	2
12	2	0	0	0	2	4	3	2	2	0	0	2	1	1
13	0	1	2	0	1	0	2	2	0	0	0	2	1	1
14	0	0	2	0	2	0	0	1	0	2	3	0	1	1
15	0	0	2	3	2	0	3	0	1	0	0	3	1	1
16	7	0	0	3	2	0	0	6	0	0	1	0	2	2
17	2	0	0	0	0	5	0	0	5	0	0	3	1	1
18	0	2	2	2	0	2	3	0	2	2	3	0	2	2
19	4	1	0	0	0	2	3	4	5	3	0	5	2	2
20	0	3	0	4	1	2	0	0	2	2	1	5	2	2
21	2	0	2	3	3	0	1	0	0	3	2	2	2	2
22	0	1	0	3	5	3	3	3	0	2	3	2	2	2
23	0	0	0	0	7	2	5	0	0	7	0	1	2	2
24	3	0	0	4	0	0	2	1	0	3	2	0	1	1
25	0	0	0	2	5	2	2	5	0	3	0	2	2	2
26	4	0	3	0	3	4	1	2	3	2	0	2	2	2
27	2	2	0	3	3	2	0	0	0	2	0	2	1	1
28	3	1	1	2	0	1	0	2	3	0	6	2	2	2
29	3	3	0	0	0	1	1	0	0	0	3	2	2	2
30	3	0	2	0	1	2	2	0	0	0	3	2	1	1
MEAN	2	1	1	2	2	2	1	1	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 85.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 13.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	5	0	3	0	2	2	0	0	1	1	1
2	0	2	3	1	0	1	0	5	2	3	0	6	2	2
3	0	3	0	2	6	3	2	2	2	0	0	0	2	2
4	0	3	2	2	3	2	0	3	2	3	0	4	2	2
5	0	5	0	5	0	0	0	0	0	0	2	0	1	1
6	2	2	2	0	2	2	3	0	0	2	4	0	2	2
7	0	0	2	2	0	0	1	2	2	2	2	1	1	1
8	0	2	5	2	3	2	3	0	1	2	2	6	2	2
9	0	0	4	2	5	0	0	2	4	2	2	0	2	2
10	0	0	2	1	2	5	2	2	5	3	7	2	3	3
11	3	3	2	5	2	0	0	5	3	1	4	2	2	2
12	1	2	0	3	2	2	1	4	2	0	2	3	2	2
13	3	0	2	0	2	0	2	1	0	0	2	1	1	1
14	3	0	3	0	2	3	1	1	1	2	4	2	2	2
15	2	0	2	0	2	0	0	2	3	0	2	1	1	1
16	0	0	2	2	0	0	1	2	2	0	2	3	1	1
17	4	2	1	5	4	0	0	2	6	0	2	1	2	2
18	0	2	3	0	1	0	3	0	1	6	2	2	2	2
19	2	3	2	2	2	0	2	3	3	1	2	0	2	2
20	3	0	2	1	9	4	2	5	2	3	3	2	3	3
21	3	2	2	5	2	2	1	0	2	2	2	2	2	2
22	2	0	4	0	2	2	0	2	2	4	1	0	2	2
23	5	0	0	3	2	0	0	2	2	2	2	1	2	2
24	1	2	1	2	2	0	****	****	-	-	-	-	*****	
25														
26														
27														
28														
29														
30	-	-	-	-	-	-	0	5	2	0	0	0	*****	
31	0	0	0	5	3	0	0	2	0	0	0	2	1	1
MEAN	1	1	2	2	2	1	1	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 80.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 18.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022				HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY						MONTH - NOV 78				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	1	2	0	3	5	3	2	3	0		
2	0	3	3	0	2	0	0	2	3	0	1	1		
3	3	1	5	6	3	3	3	2	0	4	2	2		
4	0	0	0	0	0	1	2	0	0	0	0	0		
5	0	0	0	6	1	2	0	0	5	1	2	2		
6	0	0	0	1	2	3	0	0	0	0	0	3		
7	1	4	1	3	3	0	0	2	3	2	3	2		
8	2	5	0	3	7	1	0	3	2	0	0	2		
9	0	0	0	2	3	0	0	1	0	0	0	0		
10	0	2	0	0	0	2	1	2	0	0	0	0		
11	2	0	0	3	0	2	3	0	0	2	3	1		
12	5	2	0	3	3	0	3	3	0	0	2	0		
13	1	2	0	0	2	0	2	0	0	3	0	0		
14	3	0	0	0	0	0	2	0	0	0	0	0		
15	0	2	0	0	1	1	2	1	3	5	0	0		
16	2	2	0	2	3	2	2	2	1	2	2	6		
17	4	0	5	2	3	6	1	2	3	1	2	0		
18	2	0	1	0	1	2	1	0	0	0	0	2		
19	0	0	3	2	2	2	2	0	3	1	3	2		
20	3	2	0	3	2	0	2	1	3	0	0	3		
21	2	0	0	2	5	****	****	2	2	2	2	2		
22	0	0	2	2	8	0	1	7	5	2	5	2		
23	2	2	0	2	2	0	0	2	2	0	6	0		
24	3	3	0	0	3	0	2	3	4	3	2	3		
25	3	2	0	2	2	1	0	3	0	2	2	2		
26	2	0	0	2	5	2	1	5	5	4	2	0		
27	0	2	0	5	3	2	2	2	5	4	5	3		
28	4	6	2	2	2	5	0	4	3	4	0	0		
29	3	1	1	5	0	2	5	4	1	0	0	0		
30	2	2	2	3	5	0	4	0	3	3	1	0		
MEAN	2	1	1	2	3	1	2	2	2	2	2	1	1.6	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022				HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY					MONTH - DEC 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	0	5	2	0	2	1	4	6	0	0	2	
2	1	2	0	5	5	4	7	2	4	6	8	10	5	
3	2	2	0	3	2	1	4	0	0	0	0	2	1	
4	2	0	0	5	5	5	3	2	3	2	2	0	2	
5	1	3	0	2	2	3	3	2	3	0	3	0	2	
6	3	0	2	2	3	0	4	2	2	3	3	6	3	
7	5	2	2	5	4	3	4	2	1	9	4	3	4	
8	3	10	3	5	6	2	0	4	1	4	4	3	4	
9	3	2	0	2	1	2	4	2	2	2	2	0	2	
10	2	0	0	3	2	1	2	2	3	4	5	5	2	
11	7	4	2	2	6	3	1	5	5	5	0	2	4	
12	3	7	4	5	6	8	4	2	9	4	6	1	5	
13	2	0	3	0	0	3	3	1	5	0	3	9	2	
14	2	2	1	3	3	5	3	1	2	2	2	7	3	
15	3	2	3	5	2	5	1	1	4	0	0	-	2	
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							0	****		3	3	0	*****	
20	0	0	1	1	2	1	3	2	0	0	0	0	1	
21	0	0	0	2	0	2	0	2	4	2	1	0	1	
22	2	3	0	3	2	2	1	2	0	1	2	0	2	
23	2	0	0	0	2	1	3	4	2	4	0	0	2	
24	1	0	0	0	0	3	2	0	0	0	2	2	1	
25	0	0	2	2	1	1	2	0	0	3	3	0	1	
26	1	1	0	1	0	3	0	2	0	0	0	0	1	
27	3	2	0	2	1	2	0	1	2	3	0	2	2	
28	3	0	0	0	2	1	2	0	0	0	0	0	1	
29	3	0	3	0	0	1	2	0	2	0	2	0	1	
30	0	1	1	0	0	1	3	1	2	2	1	0	1	
31	1	0	1	2	0	0	0	2	3	0	2	2	1	
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 88.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	6	1.7	2	7
MAR	13	1.3	3	12
APR	17	1.5	2	17
MAY	31	1.8	3	9
JUN	27	1.2	2	7
JUL	17	1.2	2	5
AUG	31	1.6	3	10
SEP	25	1.5	2	7
OCT	24	1.7	3	9
NOV	30	1.6	3	8
DEC	27	2.0	5	10
YEAR	248	1.6	5	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	72	6	0	0	0	0	0	78
MAR	146	7	1	0	0	0	0	154
APR	195	15	0	1	0	0	0	211
MAY	348	24	0	0	0	0	0	372
JUN	319	11	0	0	0	0	0	330
JUL	210	5	0	0	0	0	0	215
AUG	353	19	0	0	0	0	0	372
SEP	292	17	0	0	0	0	0	309
OCT	277	23	0	0	0	0	0	300
NOV	330	28	0	0	0	0	0	358
DEC	290	38	0	0	0	0	0	328
YEAR	2832	193	1	1	0	0	0	3027

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS										ARITH MEAN
	MIN	10	30	FREQUENCY 50	DISTRIBUTION 70	90	PERCENT 95	98	99	MAX	
75.5	0	0.0	0.0	1.1	1.8	3.0	4.4	5.4	6.5	17	1.6

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JAN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	0	5	0	0	1	2	1	2	5	2	2
2	2	3	2	1	0	3	0	2	0	2	0	0	1	1
3	2	0	2	0	5	0	3	0	3	0	5	-	2	2
4														
5														
6														
7														
8														
9														
10					0	2	0	0	3	0	4	0	1	1
11	3	0	1	0	2	2	2	0	2	3	0	1	2	2
12	0	2	0	4	2	3	4	0	2	3	5	0	2	2
13	0	2	0	2	0	1	3	1	1	0	2	2	1	1
14	2	2	2	0	2	1	1	3	2	3	4	0	2	2
15	2	0	2	1	2	2	3	2	4	4	1	2	2	2
16	6	0	1	1	2	0	0	1	1	2	2	2	2	2
17	2	2	2	2	2	3	2	6	4	9	3	5	4	3
18	1	0	5	2	8	15	2	0	1	1	1	1	1	1
19	0	2	1	1	2	2	0	0	0	2	3	4	4	4
20	4	2	1	0	3	0	2	0	1	2	3	3	2	2
21	4	4	2	3	0	2	1	2	2	8	2	4	3	3
22	3	1	0	2	2	2	1	0	1	5	4	2	2	2
23	3	3	4	2	8	8	4	0	2	0	0	2	3	3
24	0	3	2	0	0	2	0	1	0	2	1	0	1	1
25	0	2	0	3	0	1	1	0	0	2	2	0	1	1
26	0	0	0	1	2	0	0	0	0	2	0	2	1	1
27	2	1	2	1	0	5	0	2	1	1	0	2	1	1
28	0	0	2	0	0	2	0	1	1	0	2	0	1	1
29	0	0	0	2	1	2	0	2	0	4	0	0	1	1
30	1	0	0	2	1	2	0	2	0	4	0	0	1	1
31	2	2	0	2	0	0	0	1	0	0	2	2	1	1
MEAN	2	1	1	1	2	2	1	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 79.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 20.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - FEB, 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	4	1	0	2	2	1	0	2	2	1	1
2	0	2	0	0	0	2	0	2	0	2	3	6	1	1
3	0	0	2	0	2	0	0	2	2	4	8	6	2	2
4	4	3	1	2	2	4	2	1	2	0	0	2	1	1
5	1	0	1	2	1	0	0	0	2	1	3	2	1	1
6	0	0	0	0	0	4	0	1	0	2	2	2	1	1
7	0	1	0	0	2	0	2	0	0	3	5	2	2	2
8	3	0	3	0	3	0	2	0	0	0	3	0	1	1
9	4	1	0	1	3	1	0	1	2	0	2	0	1	1
10	0	2	1	0	0	2	0	0	2	0	2	0	1	1
11	1	4	0	2	0	2	2	2	0	2	0	1	1	1
12	3	0	0	2	1	0	2	2	0	2	0	1	1	1
13	1	0	0	2	1	2	0	0	0	1	0	2	1	1
14	2	0	4	0	2	0	0	3	0	1	2	0	1	1
15	3	0	2	0	2	0	1	0	1	2	1	1	1	1
16	0	3	0	1	2	0	1	1	0	2	2	2	1	1
17	0	2	0	1	1	0	1	0	2	2	2	2	1	1
18	0	0	2	2	0	1	0	0	2	0	2	0	2	2
19	3	2	0	2	2	2	2	1	1	0	11	5	2	2
20	0	3	0	3	0	2	3	0	2	3	0	5	2	2
21	0	2	2	0	4	2	0	0	2	3	3	2	2	2
22	0	5	1	1	2	2	2	0	0	5	4	0	2	2
23	3	0	0	2	3	0	2	0	0	0	3	0	1	1
24	2	0	0	1	3	0	2	0	0	2	0	0	1	1
25	0	2	2	0	2	0	2	0	0	2	0	2	1	1
26	0	2	2	0	4	2	0	7	0	0	2	0	2	2
27	0	0	3	0	2	2	0	2	0	5	1	3	2	2
28	2	2	1	0	2	2	0	2	0	5	1	3	2	2
MEAN	1	1	1	1	2	1	1	1	1	2	2	2	1.3	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - MAR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	2	0	2	0	2	0	3	0	1
2	0	0	5	0	3	3	0	1	1	0	0	0	1
3	2	0	0	0	2	2	2	0	0	0	0	3	1
4	2	3	0	3	0	2	0	1	0	2	0	2	1
5	0	3	1	0	3	3	2	3	0	0	2	2	2
6	0	2	0	3	2	0	2	0	1	0	5	2	1
7	3	2	2	0	3	3	0	5	0	0	3	2	2
8	5	0	0	4	0	2	1	0	0	2	2	0	1
9	1	0	0	1	5	0	0	0	0	2	2	1	1
10	1	1	0	0	0	2	1	1	0	0	5	2	1
11	2	1	1	0	2	0	2	0	1	1	0	1	1
12	0	2	2	0	2	0	0	1	0	2	3	3	1
13	0	0	0	0	0	1	3	0	0	0	0	0	0
14	0	1	0	0	2	0	3	0	0	0	2	0	1
15	2	1	3	2	0	2	0	2	0	3	0	3	2
16	0	2	0	0	1	3	2	0	2	2	4	2	2
17	0	2	0	0	2	0	0	3	0	2	2	2	1
18	2	0	1	7	3	0	2	0	1	2	0	2	2
19	0	0	2	0	3	2	0	3	0	1	2	5	2
20	1	2	2	6	6	2	3	0	3	0	2	2	2
21	4	2	2	2	1	2	3	****	****	****	****	****	*****
22	***	***	***	***	***	0	4	2	0	0	0	0	*****
23	4	0	2	0	1	0	3	0	3	0	3	4	1
24	3	0	3	0	2	3	1	0	0	2	2	7	2
25	0	3	6	3	2	3	0	0	2	0	3	2	2
26	5	3	2	2	2	0	2	2	0	2	1	3	2
27	3	3	2	2	4	0	2	1	2	3	0	0	2
28	0	0	2	2	0	4	2	0	0	3	0	2	1
29	2	0	5	1	0	2	1	2	0	3	3	2	2
30	2	3	4	3	4	3	2	2	5	1	0	2	3
31	0	2	0	2	2	0	3	0	0	1	2	0	1
MEAN	1	1	2	2	2	1	1	1	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - APR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	3	0	3	2	3	0	2	1	3	2
2	0	0	2	1	2	0	1	0	3	2	0	3	1
3	0	0	3	0	2	1	0	2	0	2	1	1	1
4	2	0	5	0	5	2	0	2	2	2	0	0	2
5	1	3	0	0	3	0	0	0	3	0	3	0	1
6	0	0	0	2	1	0	1	2	0	2	0	0	1
7	2	0	0	1	2	0	0	0	2	0	3	3	1
8	2	3	2	0	2	2	0	4	2	0	0	3	2
9	0	2	2	0	0	2	0	3	4	0	0	1	1
10	2	0	2	0	3	2	2	2	1	3	3	2	2
11	5	5	3	7	0	2	1	0	2	0	0	3	2
12	0	3	2	2	0	0	2	0	2	4	3	0	2
13	2	0	0	3	0	0	2	2	0	1	3	0	1
14	2	0	2	3	0	2	3	0	2	0	3	0	1
15	2	2	0	2	1	1	0	0	0	0	5	2	1
16	3	0	4	0	0	0	2	2	0	0	2	-	1
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20	-	-	-	-	-	-	-	-	0	0	0	0	*****
21	3	2	0	5	0	0	0	0	0	2	2	7	2
22	3	3	2	0	2	0	0	3	0	0	0	0	1
23	0	2	0	0	0	2	2	0	0	3	0	0	1
24	0	3	0	0	0	2	0	0	0	0	4	3	1
25	2	0	0	0	0	0	0	1	2	0	2	3	1
26	5	3	0	0	3	5	0	0	5	0	5	5	3
27	0	0	3	2	5	3	0	0	2	0	7	4	2
28	5	3	1	2	3	3	0	0	0	5	0	0	2
29	0	0	0	0	0	0	0	0	0	3	0	0	0
30	2	0	2	4	0	2	0	0	0	0	2	0	1
MEAN	2	1	1	1	1	1	1	1	1	1	2	2	1.3

PERCENTAGE OF DATA VALID - 87.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 12.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	0	2	1	1	1	0	2	2	3	1	
2	0	0	0	3	0	3	0	0	1	3	2	2	1	
3	2	2	1	2	0	0	0	0	2	2	0	0	1	
4	1	2	1	3	2	0	0	2	0	2	2	0	1	
5	0	0	2	0	2	1	0	0	1	1	0	2	1	
6	1	2	2	4	1	0	1	2	0	2	3	2	2	
7	3	2	2	2	0	6	0	0	0	4	0	0	2	
8	2	0	0	0	2	1	0	1	0	3	0	0	1	
9	0	0	2	0	0	1	2	2	0	1	2	0	1	
10	0	0	0	0	2	0	2	0	0	0	1	1	1	
11	0	1	2	1	0	0	0	2	1	0	0	2	1	
12	2	0	3	0	2	0	1	1	0	2	0	2	1	
13	0	2	0	0	0	0	1	1	0	0	1	2	1	
14	0	1	0	0	3	1	2	5	0	2	0	0	1	
15	0	3	0	2	0	1	1	0	0	1	0	0	1	
16	0	1	1	0	0	1	0	0	0	2	1	1	1	
17	1	0	0	1	0	3	0	0	0	0	0	0	0	
18	3	0	0	1	0	0	1	1	0	2	0	0	1	
19	1	0	1	2	2	0	3	2	1	1	2	0	1	
20	0	2	0	1	0	0	0	0	0	0	1	0	0	
21	2	4	0	2	0	2	2	0	0	2	2	3	2	
22	0	3	2	0	3	0	2	1	2	0	0	3	1	
23	0	2	1	1	0	0	1	1	0	0	2	1	1	
24	0	2	0	2	4	3	0	4	0	0	1	0	1	
25	2	1	0	3	1	2	2	0	2	0	0	2	1	
26	7	3	2	1	0	0	0	0	0	0	0	7	2	
27	2	1	2	0	0	2	0	0	0	2	0	3	1	
28	5	3	0	3	4	2	0	0	2	2	0	0	2	
29	2	0	0	0	3	0	5	0	0	0	2	5	1	
30	0	0	4	0	3	3	3	0	0	5	0	2	2	
31	2	0	0	0	0	0	0	0	0	0	2	2	1	
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	3	7	0	0	2	2	0	2	0	2	
2	2	0	0	2	0	2	3	0	3	0	0	5	1	
3	0	2	2	0	2	0	3	0	0	0	2	2	1	
4	0	0	0	7	0	2	2	0	2	2	0	0	1	
5	3	0	2	2	0	0	2	2	0	2	2	0	1	
6	2	0	0	3	2	0	0	0	0	0	0	1	1	
7	2	3	0	2	0	0	2	2	2	0	0	4	1	
8	3	0	0	0	0	0	3	0	0	0	0	0	1	
9	2	0	2	1	0	0	2	0	0	0	0	0	1	
10	0	2	2	2	2	0	2	0	0	2	2	2	1	
11	0	0	3	3	7	0	3	0	0	2	2	2	2	
12	2	3	3	4	0	2	0	0	0	0	4	0	2	
13	4	0	3	5	0	2	2	0	1	2	0	5	2	
14	0	0	0	2	1	0	0	3	0	3	2	0	1	
15	0	0	0	3	2	3	2	0	3	3	0	3	2	
16	2	0	3	3	2	5	1	3	0	2	0	2	2	
17	0	0	0	0	3	3	****	1	0	2	0	0	1	
18	0	2	0	6	3	3	0	3	0	4	1	0	2	
19	0	0	1	3	0	0	2	1	3	0	0	1	1	
20	0	4	1	1	1	1	0	0	0	2	2	3	1	
21	2	4	5	5	3	1	1	4	1	0	0	0	2	
22	2	1	0	3	0	0	3	0	1	2	3	0	1	
23	0	2	0	2	0	2	1	1	2	0	2	4	1	
24	0	2	0	2	5	0	1	2	1	0	5	2	2	
25	0	2	2	3	2	3	2	0	0	0	0	5	2	
26	2	2	1	1	4	3	1	4	0	1	0	2	2	
27	2	2	2	3	0	3	2	2	2	4	2	2	2	
28	0	0	3	0	3	2	4	0	0	2	2	0	1	
29	2	5	0	3	0	1	0	3	2	2	0	5	2	
30	2	2	1	2	2	0	0	0	0	0	0	3	1	
31	6	4	2	4	3	2	2	2	1	0	4	0	3	
MEAN	1	1	1	3	2	1	2	1	1	1	1	2	1.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - SEP 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	6	1	2	5	2	1	2	0	3	3	2
2	8	2	3	2	4	2	0	2	0	1	0	3	2
3	0	2	0	4	0	3	1	0	0	2	2	0	1
4	2	0	0	0	4	0	1	2	0	2	0	5	1
5	2	0	2	1	1	2	4	2	0	0	0	2	1
6	3	3	2	1	5	3	3	1	2	1	0	2	2
7	2	1	0	1	0	0	2	2	0	0	2	2	1
8	0	0	0	0	1	0	0	0	0	1	2	3	1
9	2	0	0	0	1	0	0	0	0	2	1	0	1
10	0	2	3	0	0	2	0	0	2	2	0	3	1
11	0	0	1	1	1	1	3	0	0	0	0	0	1
12	0	0	2	0	2	0	0	0	2	4	1	1	1
13	0	0	0	0	0	0	0	0	2	0	0	1	0
14	0	2	1	0	2	0	0	0	0	0	3	1	1
15	0	0	2	0	2	2	0	4	1	0	0	0	1
16	2	2	1	1	2	2	0	0	2	4	0	1	1
17	0	0	2	0	1	1	0	2	0	0	2	0	1
18	0	1	2	1	0	2	2	0	2	0	0	0	1
19	2	0	0	2	0	0	0	4	2	3	1	1	1
20	0	3	0	4	2	3	2	1	2	0	2	3	2
21	3	2	0	1	2	2	0	0	0	1	3	1	1
22	3	2	0	1	1	2	0	1	2	2	1	3	2
23	1	1	0	1	0	1	0	2	2	0	2	2	1
24	0	0	0	0	0	0	1	0	2	2	0	0	0
25	2	0	0	3	2	2	0	0	0	0	0	3	1
26	0	2	1	4	4	2	0	2	0	0	2	1	2
27	2	0	2	0	2	0	1	0	0	2	0	0	1
28	0	2	2	3	0	0	0	1	0	1	1	1	1
29	1	0	1	7	0	1	0	1	0	0	0	0	1
30	2	0	0	1	0	1	0	0	0	2	0	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*- INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - OCT 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	1	3	0	1	1	0	1	0	0	1
2	0	0	2	2	1	0	2	0	3	2	5	2	2
3	5	1	0	2	2	4	0	0	0	2	2	1	2
4	0	1	1	3	0	0	1	0	0	0	0	0	1
5	2	0	1	1	2	2	2	0	0	0	0	1	1
6	0	0	2	0	0	0	2	1	0	0	0	0	0
7	0	0	1	1	0	0	2	1	1	0	2	2	1
8	1	2	0	0	2	1	2	0	0	1	2	2	1
9	0	2	0	1	0	0	0	2	0	4	2	2	1
10	0	0	1	2	0	1	2	0	0	0	0	2	1
11	0	1	0	2	0	0	1	2	0	1	0	0	1
12	0	0	0	0	0	0	0	0	0	0	2	2	0
13	0	1	0	0	0	0	0	1	1	0	3	3	1
14	0	2	1	0	1	0	0	2	0	2	2	4	1
15	0	0	2	0	0	1	0	0	0	0	0	0	0
16	1	2	0	3	3	0	0	2	1	2	0	1	1
17	0	0	1	0	0	1	0	0	0	3	0	2	1
18	0	0	2	3	1	0	0	0	0	2	0	2	1
19	1	0	0	2	0	0	0	0	0	0	2	2	1
20	0	0	3	4	7	3	3	0	2	3	3	2	3
21	2	2	2	5	0	0	0	2	1	1	2	2	2
22	0	0	0	0	0	0	1	0	0	0	0	0	0
23	0	0	0	0	1	0	0	0	0	2	2	0	0
24	2	0	1	0	2	0	0	0	1	0	0	0	1
25	2	2	0	0	0	1	1	0	1	1	0	0	1
26	0	2	2	0	0	0	0	0	0	4	0	2	1
27	2	2	2	5	0	2	2	0	0	3	1	3	2
28	1	1	2	2	1	0	2	2	0	6	3	3	2
29													
30													
31													
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	0.9

PERCENTAGE OF DATA VALID - 90.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 9.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*- INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	1.6	4	15
FEB	28	1.3	2	11
MAR	29	1.4	3	7
APR	26	1.3	3	7
MAY	31	1.4	4	9
JUN	28	1.0	2	9
JUL	31	1.1	2	7
AUG	31	1.4	3	7
SEP	30	1.1	2	8
OCT	28	0.9	3	7
NOV		DATA UNAVAILABLE		
DEC		DATA UNAVAILABLE		
YEAR	287	1.3	4	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	278	16	1	0	0	0	0	295
FEB	326	9	1	0	0	0	0	336
MAR	347	15	0	0	0	0	0	362
APR	298	17	0	0	0	0	0	315
MAY	351	20	0	0	0	0	0	371
JUN	346	3	0	0	0	0	0	349
JUL	364	8	0	0	0	0	0	372
AUG	355	16	0	0	0	0	0	371
SEP	353	7	0	0	0	0	0	360
OCT	330	6	0	0	0	0	0	336
NOV		DATA UNAVAILABLE						
DEC		DATA UNAVAILABLE						
YEAR	3348	117	2	0	0	0	0	3467

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.0	0	0.0	0.0	0.4	1.5	2.6	3.5	4.6	5.5	15	1.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022

SAULT COLLEGE QUEENS ST SAULT STE MARIE

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17	-	-	-	-	-	-	-	0	7	3	3	19	*****
18	15	3	4	11	12	5	3	1	5	14	9	12	8
19	3	5	5	11	5	9	4	0	5	0	8	0	5
20	2	2	2	1	5	0	0	5	3	3	2	7	3
21	0	2	2	3	2	7	0	2	2	6	17	15	5
22	11	7	5	3	9	0	5	5	2	3	2	12	5
23	8	11	7	2	2	2	5	0	2	2	0	3	4
24	3	3	5	5	7	3	0	6	2	5	0	6	4
25	2	3	5	4	2	5	0	2	3	3	2	0	3
26	2	3	0	2	2	2	0	0	3	1	4	0	2
27	2	2	0	2	1	5	0	2	1	1	2	2	2
28	5	0	1	0	6	0	2	4	2	5	2	3	3
29	0	0	0	2	2	7	0	3	0	2	5	0	2
30	5	***	***	***	***	0	0	2	0	2	0	3	2
31	0	3	0	2	11	11	2	3	-	-	-	-	4
MEAN	4	3	3	4	5	4	2	2	3	4	4	6	3.6

PERCENTAGE OF DATA VALID - 44.4

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 54.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022

SAULT COLLEGE QUEENS ST SAULT STE MARIE

MONTH - FEB 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8	-	-	-	-	-	-	-	5	5	0	2	2	*****
9	3	3	3	5	3	3	3	0	0	2	2	2	2
10	1	2	0	3	7	2	1	5	0	2	12	9	4
11	5	5	0	3	5	2	2	0	3	4	19	14	5
12	0	1	3	0	2	3	5	0	3	4	0	5	2
13	2	0	0	2	2	0	2	3	2	5	0	6	2
14	5	3	0	5	3	***	0	2	0	3	0	4	2
15	0	3	0	2	7	2	0	5	3	0	3	0	2
16	0	3	2	9	5	7	3	0	9	5	5	5	4
17	2	4	12	9	4	5	2	5	1	0	0	3	4
18	0	7	5	6	7	7	3	0	0	5	2	5	4
19	0	5	2	0	7	2	5	2	7	0	6	7	4
20	2	7	1	3	0	3	4	3	2	0	3	7	3
21	2	5	0	3	2	3	0	3	7	0	3	0	2
22	0	7	2	2	12	2	3	3	7	0	2	7	4
23	7	7	5	7	9	5	0	9	12	7	5	5	7
24	3	7	13	3	5	2	3	1	0	5	2	0	2
25	0	0	0	5	0	0	2	5	5	3	2	7	2
26	4	0	0	0	3	0	3	4	0	0	0	0	2
27	2	0	2	0	2	5	3	7	3	0	3	0	3
28	0	2	3	0	2	4	12	7	1	0	0	0	3
MEAN	2	4	3	3	4	3	3	3	3	2	4	4	3.2

PERCENTAGE OF DATA VALID - 72.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 26.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE													MONTH - MAR 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	5	3	2	5	7	0	4	2	5	7	4
2	0	3	2	9	9	7	15	2	2	5	0	2	5
3	7	1	0	2	0	2	0	2	3	0	7	0	2
4	0	3	7	3	7	9	2	2	3	2	5	9	4
5	3	2	4	0	0	9	0	5	0	5	3	0	3
6	1	3	9	9	5	0	3	3	9	15	0	5	5
7	2	2	3	3	2	0	0	3	2	****	***	****	2
8							- DATA INVALID -						
9	****	****	****	****	****	****	****	****	0	2	0	7	*****
10	5	0	2	2	0	****	3	1	5	2	2	5	2
11	3	1	3	5	2	2	2	4	0	2	5	3	3
12	0	0	5	0	0	0	2	0	3	3	0	12	2
13	2	0	0	2	1	3	3	2	5	1	2	5	2
14	2	3	3	7	2	5	0	1	0	5	0	3	3
15	3	4	7	0	3	0	5	4	0	0	7	0	3
16	3	4	5	2	0	2	0	0	2	5	5	5	3
17	7	9	0	7	7	12	3	2	0	9	12	17	7
18	5	2	0	3	2	0	0	3	0	2	0	7	2
19	12	7	9	0	0	7	3	0	6	0	3	9	5
20	12	9	3	5	2	4	0	4	0	0	0	0	3
21	0	3	2	3	2	7	0	7	3	0	7	9	4
22	0	3	3	3	3	0	****	0	9	5	4	2	3
23	7	13	12	5	3	9	1	0	3	4	0	2	5
24	2	8	2	0	3	0	2	2	3	0	5	7	3
25	9	15	7	9	0	0	2	2	3	0	3	9	5
26	12	7	3	3	0	2	0	0	0	0	2	7	3
27	7	7	5	3	9	3	0	2	0	****	-	-	4
28							- DATA UNAVAILABLE -						
29							- DATA INVALID -						
30							- DATA INVALID -						
31							- DATA INVALID -						
MEAN	4	5	4	4	3	4	2	2	3	3	3	6	3.4

PERCENTAGE OF DATA VALID - 79.6

PERCENTAGE OF DATA INVALID - 15.3

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE													MONTH - MAY 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17	-	-	-	-	-	9	3	5	1	3	11	0	*****
18	3	0	3	2	9	4	5	7	6	15	2	2	5
19	5	1	3	3	2	0	4	5	5	1	3	0	3
20	6	2	2	3	2	11	4	11	2	3	0	0	4
21	3	0	5	2	4	5	6	0	3	2	2	2	3
22	6	3	5	2	3	0	2	0	0	2	0	0	2
23	3	0	3	2	3	0	1	5	2	0	5	4	2
24	4	2	11	5	4	3	3	0	5	2	0	0	3
25	7	5	4	3	5	0	2	7	0	2	5	1	3
26	7	4	3	5	25	3	2	2	2	2	5	5	5
27	2	0	0	5	2	2	3	5	0	7	5	2	3
28	2	9	2	3	3	2	4	5	5	3	3	2	4
29	1	3	7	7	0	0	0	0	5	0	2	0	2
30	0	0	5	0	2	2	3	0	3	2	0	2	2
31	5	0	3	2	2	2	0	13	3	2	3	0	3
MEAN	4	2	4	3	5	3	3	4	3	3	3	1	3.2

PERCENTAGE OF DATA VALID - 47.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 53.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022				SAULT COLLEGE QUEENS ST SAULT STE MARIE						MONTH - JUN 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN			
1	3	0	0	0	0	0	0	5	****	0	6	3	2			
2	3	5	7	11	4	2	2	0	5	4	3	5	4			
3	2	4	4	0	2	0	0	0	7	2	1	3	2			
4	0	1	0	0	0	3	8	9	5	4	2	2	3			
5	3	7	4	2	3	2	2	2	1	1	3	0	3			
6	0	2	0	2	0	1	1	2	1	2	4	3	2			
7	2	2	2	0	1	12	2	2	3	0	0	2	2			
8	0	0	2	3	1	3	0	3	1	2	3	4	2			
9	10	0	3	0	2	2	4	0	0	0	5	4	3			
10	4	2	1	0	0	2	2	0	0	3	2	2	2			
11	1	2	0	1	1	0	2	6	12	****	****	****	3			
12	****	****	****	****	****	****	0	1	2	0	0	2	****			
13	1	0	4	1	0	2	1	1	2	2	3	0	1			
14	2	2	2	8	4	2	2	0	2	2	1	6	3			
15	6	7	2	2	3	2	2	2	0	0	2	2	2			
16	3	2	1	4	2	2	3	0	2	2	2	3	2			
17	5	3	2	3	3	4	1	2	1	7	4	3	2			
18	2	0	4	2	3	0	2	3	2	0	0	2	1			
19	0	2	0	2	4	0	2	1	0	0	0	2	2			
20	0	2	4	0	1	0	3	0	1	2	3	2	2			
21	6	2	6	7	2	3	0	2	4	3	2	1	3			
22	3	2	7	2	2	5	2	1	0	1	2	0	2			
23	0	5	2	4	0	0	0	0	1	2	2	3	2			
24	2	0	2	2	0	0	0	2	0	0	0	3	1			
25	0	2	1	1	3	1	2	0	0	2	1	2	1			
26	1	0	0	0	0	3	4	4	2	2	4	2	2			
27	2	0	2	0	7	1	4	2	3	4	4	8	3			
28	0	8	3	7	3	1	3	2	6	0	2	2	3			
29	0	2	1	4	1	0	3	2	2	2	6	1	2			
30	3	2	3	3	3	0	2	3	3	2	3	2	2			
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	2.2			

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022				SAULT COLLEGE QUEENS ST SAULT STE MARIE				MONTH - JUL 78							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	5	3	1	0	2	2	2	0	2	0	0	1	2		
2	3	0	1	0	0	2	2	0	2	0	2	5	1		
3	3	2	1	0	0	1	0	2	2	2	2	5	2		
4	4	4	4	3	0	0	0	2	1	0	5	2	2		
5	5	0	2	2	1	2	2	0	0	0	4	2	2		
6	2	0	0	2	2	1	1	3	2	5	1	0	2		
7	2	2	3	2	2	2	2	1	0	1	2	6	3		
8	6	0	0	7	2	2	4	1	0	0	5	6	2		
9	2	2	2	0	0	2	2	2	5	0	3	3	2		
10	2	2	0	1	3	2	0	3	3	2	2	2	2		
11	0	0	7	11	3	5	5	2	1	0	4	3	3		
12	5	2	2	1	2	***	0	2	0	2	0	0	1		
13	0	0	5	3	2	0	0	0	0	3	6	6	2		
14	3	2	4	0	0	2	3	0	0	2	0	3	2		
15	1	1	2	3	2	2	5	3	5	3	0	0	2		
16	5	6	1	3	2	0	2	0	0	2	2	2	2		
17	2	5	2	3	2	0	0	0	0	0	3	2	2		
18	0	2	0	2	0	0	0	2	0	2	2	0	1		
19	2	2	0	5	2	2	4	0	2	2	2	2	2		
20	2	2	7	3	5	5	2	2	0	9	19	3	5		
21	1	3	1	0	2	0	3	2	2	0	3	0	1		
22	3	3	0	0	0	2	2	2	3	3	0	3	2		
23	2	0	2	3	2	3	0	2	0	0	0	3	1		
24	3	2	2	0	2	0	3	2	2	14	2	0	3		
25	0	0	2	2	0	0	2	1	5	2	0	0	1		
26	0	2	2	4	3	0	2	0	5	0	2	4	2		
27	19	12	5	5	0	5	0	0	0	0	13	2	5		
28	3	5	3	3	0	2	2	1	0	0	0	0	2		
29	0	0	0	2	0	3	0	0	2	0	2	3	1		
30	0	0	0	0	0	0	2	0	0	0	0	0	0		
31	0	1	2	0	0	0	0	2	2	0	2	0	1		
MEAN	3	2	2	2	1	2	2	1	2	2	3	2	2.0		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	0	3	2	0	0	0	0	2	0	1	1
2	0	2	0	0	0	0	1	2	0	3	5	0	0	1
3	0	5	2	0	2	0	1	0	0	2	3	2	1	1
4	0	1	1	5	3	3	0	0	0	2	0	0	1	1
5	0	2	0	0	0	0	2	0	1	0	0	3	1	1
6	2	0	2	2	0	2	0	0	2	0	0	2	1	1
7	0	2	0	3	2	2	0	0	2	2	2	0	1	1
8	0	3	0	3	0	2	0	2	0	2	0	3	1	1
9	5	9	9	0	2	0	0	2	0	2	0	3	3	1
10	0	5	2	3	2	0	0	0	0	0	0	3	1	1
11	0	0	0	0	0	***	0	0	4	0	0	4	1	1
12	0	2	0	0	3	2	3	3	3	3	4	4	2	2
13	4	3	5	3	3	0	2	0	5	2	2	0	2	2
14	1	3	2	4	7	0	2	0	0	0	2	0	2	2
15	0	5	0	0	5	12	3	5	2	3	2	2	3	3
16	3	3	3	4	0	0	2	3	2	5	2	17	4	4
17	17	7	0	4	0	5	2	0	0	3	0	3	3	3
18	0	0	2	0	2	2	0	2	2	2	3	0	1	1
19	3	2	4	0	7	0	5	2	2	2	0	0	2	2
20	5	2	0	3	7	2	0	0	0	2	0	2	2	2
21	0	0	4	0	3	3	2	0	2	2	2	2	2	2
22	0	3	0	3	3	3	7	2	0	2	0	5	2	2
23	5	0	0	3	0	2	0	0	0	0	2	0	1	1
24	0	2	3	0	2	0	3	0	0	0	2	0	1	1
25	2	3	2	2	2	0	0	0	5	0	3	0	2	2
26	2	2	3	4	0	0	0	0	2	2	0	5	1	1
27	3	0	2	2	3	2	0	2	0	0	0	0	1	1
28	0	0	0	3	5	12	3	7	0	2	0	10	4	4
29	5	19	13	13	9	7	9	5	3	3	2	6	8	8
30	23	3	3	19	3	0	2	0	0	2	4	3	5	5
31	7	4	7	9	0	3	2	2	3	2	9	6	5	5
MEAN	3	3	2	3	3	2	2	1	1	2	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE													MONTH - SEP 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	9	5	2	7	2	3	3	2	0	5	4	4
2	0	7	3	3	0	2	2	5	2	2	0	3	2	2
3	5	2	2	0	2	0	2	2	2	2	3	0	2	2
4	4	5	4	7	3	0	2	7	0	0	2	2	3	3
5	3	2	0	2	2	0	0	2	0	3	1	3	2	2
6	0	2	7	5	7	8	1	23	7	1	3	3	6	6
7	0	0	0	3	2	0	0	0	2	0	0	2	1	1
8	0	3	2	2	0	0	3	2	3	2	2	2	2	2
9	5	2	2	2	0	0	2	0	2	0	0	0	1	1
10	0	0	0	2	0	2	2	2	0	5	1	7	2	2
11	3	5	2	7	9	0	3	3	0	2	2	0	3	3
12	2	2	0	0	2	0	2	0	4	2	3	0	2	2
13	0	3	0	3	0	3	2	2	5	0	3	0	2	2
14	2	0	1	2	0	0	2	3	7	2	9	0	2	2
15	0	2	2	0	0	3	5	5	3	12	12	3	4	4
16	2	5	0	2	0	0	0	3	0	2	2	1	1	1
17	0	2	0	2	0	0	0	2	0	2	5	4	1	1
18	0	0	4	0	3	1	3	0	0	0	3	0	1	1
19	2	0	5	0	2	2	0	***	0	3	1	0	1	1
20	0	2	2	2	7	2	3	2	7	5	3	0	3	3
21	2	0	2	2	2	2	5	0	2	5	0	7	2	2
22	3	4	4	2	0	4	2	2	0	3	5	0	3	3
23	3	2	2	2	2	0	0	0	0	0	7	5	2	2
24	3	2	2	5	7	9	3	2	3	7	2	0	4	4
25	0	0	2	3	2	0	0	5	2	7	5	3	2	2
26	0	2	2	0	3	2	3	0	0	0	13	9	3	3
27	12	2	5	2	0	3	0	2	4	0	2	2	4	4
28	4	7	3	3	2	3	2	7	2	0	9	5	4	4
29	0	0	0	0	0	3	2	0	3	0	3	2	1	1
30	0	3	1	0	2	5	0	2	7	7	9	4	3	3
MEAN	2	2	2	2	2	2	2	3	2	2	4	3	2.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - NE NO 71022				SAULT COLLEGE QUEENS ST SAULT STE MARIE				MONTH - OCT 78				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	0	0	0	2	3	2	5	0	0	5	3	2
2	0	2	3	0	3	3	0	0	2	2	2	0	1
3	0	2	0	2	7	2	0	2	3	0	5	0	2
4	0	4	5	0	7	12	7	***	3	2	0	4	4
5	2	5	1	2	0	4	1	1	2	0	0	2	2
6	2	0	3	9	0	3	2	5	2	3	2	3	3
7	2	2	3	2	0	0	2	4	0	1	6	3	2
8	2	3	0	5	1	3	0	2	5	2	3	12	3
9	3	3	2	4	0	6	2	6	4	0	5	5	3
10	2	3	7	5	3	5	6	2	5	4	3	2	4
11	0	5	2	4	2	2	0	3	2	2	5	0	2
12	0	3	1	1	0	4	8	0	6	11	5	9	4
13	0	2	9	5	9	2	1	1	0	7	5	7	4
14	0	3	0	3	2	0	0	1	2	3	11	17	4
15	11	2	5	5	3	3	3	4	1	2	3	1	4
16	0	0	2	5	2	2	3	0	1	0	3	5	2
17	0	0	2	5	3	0	5	3	0	2	0	3	3
18	0	5	3	2	5	4	2	0	5	9	0	3	3
19	17	0	1	5	3	8	0	19	2	5	2	3	5
20	8	2	10	7	4	1	7	2	0	3	0	4	4
21	1	4	0	9	2	5	2	3	0	3	2	3	3
22	3	8	2	19	5	9	7	2	0	5	0	2	5
23	3	3	2	0	3	0	2	0	0	2	2	2	2
24	2	2	5	3	0	0	5	0	0	3	0	0	3
25	2	4	0	3	0	3	0	5	7	7	5	3	2
26	0	0	0	2	5	0	3	3	5	9	7	5	6
27	15	4	0	5	2	2	9	5	9	17	9	0	2
28	4	1	1	4	0	1	4	0	0	4	2	0	2
29	5	2	0	3	0	0	2	2	2	0	0	7	3
30	0	2	0	4	0	0	3	3	2	5	11		
31	3	2	3	1	9	6	5	5	2	5	6	10	5
MEAN	3	3	2	4	3	3	3	3	2	4	4	4	3.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - NE NO 71022				SAULT COLLEGE QUEENS ST SAULT STE MARIE				MONTH - NOV 78				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	7	7	4	8	14	3	0	3	0	0	4	2	4
2	0	5	4	2	11	7	3	0	4	5	7	8	5
3	5	9	6	3	3	2	1	2	7	0	7	3	4
4	0	6	10	3	2	2	2	2	0	2	7	***	3
5													
6													
7	-	-	-	-	-	-	-	-	2	3	2	3	*****
8	2	2	3	2	1	4	2	1	1	1	2	3	2
9	2	2	20	9	6	2	7	3	3	5	2	4	5
10	0	2	2	1	2	2	2	2	2	0	2	1	2
11	3	2	1	3	2	2	3	1	1	0	2	0	2
12	1	0	2	1	0	2	2	2	2	0	3	4	2
13	2	3	0	1	2	0	2	2	3	0	4	0	2
14	4	9	11	8	9	7	13	12	16	16	13	10	11
15	14	4	3	7	8	0	1	2	2	6	5	6	5
16	0	3	2	0	3	2	2	5	2	6	4	7	3
17	1	2	2	0	3	1	3	2	2	3	0	8	2
18	3	2	2	2	3	1	3	3	4	0	3	2	2
19	3	2	5	2	5	1	0	1	2	2	0	4	2
20	2	3	2	2	2	3	0	4	0	7	7	5	3
21	2	2	0	3	5	8	4	0	4	4	11	12	5
22	10	8	7	8	8	5	8	***	0	3	7	3	6
23	0	2	2	5	2	3	2	2	2	5	4	6	3
24	2	2	1	4	4	5	3	2	2	2	0	2	2
25	0	2	2	2	0	0	2	3	3	6	1	2	2
26	1	1	4	2	3	1	2	0	3	2	2	2	2
27	2	0	1	0	3	2	2	4	6	5	7	5	3
28	2	2	2	2	1	2	2	3	1	9	12	12	4
29	0	1	6	2	0	0	4	3	2	2	3	2	4
30	7	9	7	2	2	0							
MEAN	3	3	4	3	4	3	3	3	3	3	4	4	3.3

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE													MONTH - DEC 78
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	3	3	3	2	3	10	7	2	2	3
2	3	6	1	2	2	3	0	1	4	4	2	2	3
3	2	2	3	0	2	0	0	1	0	3	2	2	1
4	0	5	3	1	7	14	0	2	4	0	2	6	4
5	9	5	4	1	0	3	2	2	0	2	16	11	5
6	2	9	10	5	8	7	11	10	5	9	4	11	8
7	0	11	6	5	6	0	0	3	5	2	3	6	4
8	1	10	2	2	2	11	11	5	12	1	1	2	5
9	2	0	1	4	4	0	1	0	0	5	1	1	2
10	2	2	2	2	2	0	2	1	2	0	4	5	2
11	2	3	6	5	9	2	2	2	0	5	2	7	4
12	2	0	0	2	7	4	2	0	4	3	3	7	3
13	0	4	20	11	13	***	3	4	5	2	0	2	6
14	0	4	0	1	4	5	3	7	5	5	6	14	5
15	5	4	4	6	10	3	11	5	2	0	7	5	5
16	3	4	1	5	7	2	4	3	2	2	7	0	3
17	1	4	2	0	1	2	3	1	2	1	3	1	2
18	2	0	0	3	2	2	3	3	5	2	5	9	3
19	5	4	4	8	9	13	3	7	5	4	2	3	6
20	3	2	0	0	2	2	0	1	3	0	2	6	2
21	1	2	1	1	2	5	5	4	5	6	2	3	3
22	2	5	0	2	1	7	2	3	6	11	2	6	4
23	5	5	7	11	14	14	7	0	2	3	3	3	6
24	0	2	1	3	2	1	2	2	0	3	1	1	2
25	2	2	2	5	8	9	3	2	7	3	5	1	5
26	3	2	2	2	5	4	4	2	3	4	0	5	3
27	4	7	3	5	0	3	3	3	6	2	5	5	4
28	5	9	2	3	5	2	0	7	2	2	2	3	4
29	0	2	2	0	4	3	0	2	0	0	3	2	2
30	1	2	0	2	5	7	3	2	2	4	0	2	3
31	1	2	1	0	2	3	4	0	3	3	1	3	2
MEAN	2	4	3	3	5	4	3	3	4	3	3	4	3.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022 SAULT COLLEGE QUEENS ST SAULT STE MARIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	3.6	8	19
FEB	20	3.2	7	19
MAR	25	3.4	7	17
APR		DATA UNAVAILABLE		
MAY	14	3.2	5	25
JUN	29	2.2	4	12
JUL	31	2.0	5	19
AUG	31	2.2	8	23
SEP	30	2.4	6	23
OCT	31	3.1	6	19
NOV	27	3.3	11	20
DEC	31	3.5	8	20
YEAR	283	2.8	11	25

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71022

SAULT COLLEGE QUEENS ST SAULT STE MARIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	113	38	12	2	0	0	0	165
FEB	167	69	7	1	0	0	0	244
MAR	203	81	11	1	0	0	0	296
APR	DATA UNAVAILABLE							
MAY	128	40	6	0	1	0	0	175
JUN	314	33	3	0	0	0	0	350
JUL	329	36	4	2	0	0	0	371
AUG	323	39	4	4	1	0	0	371
SEP	297	57	4	0	1	0	0	359
OCT	273	86	7	5	0	0	0	371
NOV	249	63	11	3	0	0	0	326
DEC	265	87	17	2	0	0	0	371
YEAR	2661	629	86	20	3	0	0	3399

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.6	0	0.0	0.6	1.7	2.8	6.2	8.3	11.4	13.6	25	2.8

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 75020

TEACHERS COLLEGE 1ST AVE

NORTH BAY

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31	-	-	-	-	-	-	****	5	7	15	6	5	*****
MEAN	****	****	****	****	****	****	****	5	7	15	6	5	7.6

PERCENTAGE OF DATA VALID - 1.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 98.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - FEB 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	2	5	0	3	0	2	5	12	9	4	
2	3	3	2	0	3	0	0	3	2	9	12	12	4	
3	2	0	3	3	12	4	7	0	3	3	0	7	4	
4	5	0	8	0	5	5	5	0	0	5	5	12	4	
5	5	2	2	0	2	4	3	2	0	0	2	3	2	
6	2	0	1	5	5	2	2	0	5	0	2	0	2	
7	0	0	0	2	0	0	0	0	2	2	0	0	1	
8	2	0	0	2	3	5	***	0	2	3	5	7	2	
9	0	12	3	9	3	5	0	2	2	2	2	2	4	
10	5	0	7	2	4	2	0	0	2	5	12	5	4	
11	9	13	7	2	0	9	0	2	0	0	2	2	4	
12	0	3	0	0	0	3	2	2	2	2	0	0	1	
13	0	0	0	3	0	5	2	3	0	2	0	0	1	
14	3	5	10	5	5	5	3	5	3	2	5	15	6	
15	7	7	5	0	1	2	3	2	1	7	0	2	3	
16	2	0	0	4	4	2	***	2	2	2	7	2	2	
17	2	5	0	2	2	5	5	0	0	0	3	0	2	
18	0	3	2	0	3	2	6	2	3	4	3	7	3	
19	9	4	3	3	3	2	2	2	0	9	12	16	5	
20	3	7	2	3	7	4	0	5	2	7	13	9	5	
21	3	7	7	3	7	7	0	0	0	2	3	0	3	
22	0	2	2	0	7	2	0	2	0	5	0	3	3	
23	6	9	13	9	13	***	5	3	0	3	2	5	6	
24	0	2	0	0	0	0	2	5	2	5	7	7	3	
25	3	2	0	3	3	0	2	0	2	0	0	5	2	
26	4	3	5	0	7	7	0	0	2	0	0	5	3	
27	0	7	5	5	5	7	0	2	0	5	7	7	4	
28	2	0	8	2	2	0	3	0	2	0	5	0	2	
MEAN	3	3	4	2	4	3	2	2	2	3	5	5	3.2	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - MAR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	4	7	5	3	3	0	0	3	7	3	
2	5	5	3	9	5	***	0	2	3	3	13	12	5	
3	2	4	2	0	2	0	0	0	2	2	0	2	1	
4	0	1	0	3	0	2	0	2	2	2	3	5	2	
5	7	7	3	5	5	6	2	2	2	2	1	2	4	
6	0	2	3	3	7	0	2	0	3	2	4	3	2	
7	2	4	2	3	0	2	2	0	5	5	11	9	4	
8	3	3	2	0	3	0	3	0	3	3	0	3	2	
9	0	8	5	7	7	0	2	2	2	2	2	5	4	
10	2	3	0	0	0	4	3	0	3	2	5	11	3	
11	9	5	7	0	2	3	3	2	3	0	5	3	4	
12	2	3	2	0	0	2	0	3	2	2	9	9	3	
13	7	4	3	7	2	0	4	0	3	6	3	0	3	
14	1	2	2	2	2	0	3	2	0	2	2	0	2	
15	0	3	2	5	2	2	2	2	2	0	2	0	2	
16	2	0	3	3	2	5	2	0	2	2	2	0	2	
17	2	3	0	3	2	5	0	2	2	2	5	0	2	
18	0	3	0	0	4	2	2	0	2	0	3	2	2	
19	0	0	5	9	2	2	0	0	0	2	2	5	2	
20	7	5	2	7	2	0	3	0	2	2	5	0	3	
21	0	2	2	0	0	2	2	2	3	2	2	2	2	
22	0	0	2	0	3	2	4	1	2	0	2	0	1	
23	2	3	2	0	0	2	2	1	0	3	0	2	1	
24	0	5	0	3	0	2	3	0	2	3	6	5	2	
25	7	5	2	2	0	3	2	3	3	7	5	0	3	
26	2	0	0	0	0	0	3	1	0	1	0	3	1	
27	2	3	0	3	2	0	2	0	3	5	8	5	3	
28	0	6	0	5	3	0	2	2	3	2	0	0	3	
29	0	3	0	0	2	2	0	2	3	3	5	8	2	
30	2	2	3	8	5	***	0	2	3	0	0	7	3	
31	0	1	5	0	0	2	4	2	3	2	2	0	2	
MEAN	2	3	2	3	2	2	2	1	2	2	4	4	2.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	0	3	2	2	0	3	0	2	0	1	1
2	0	2	0	0	3	0	1	0	0	0	1	0	0	1
3	0	5	0	0	2	0	0	4	0	3	0	3	1	1
4	0	0	2	0	3	3	3	0	3	3	3	2	2	2
5	0	2	2	0	0	0	3	2	0	2	3	0	1	1
6	5	0	3	0	2	0	0	2	0	3	2	3	2	2
7	0	0	3	2	2	0	0	4	0	2	3	0	1	1
8	0	0	3	0	0	2	2	0	0	2	0	0	1	1
9	0	0	2	2	0	0	2	0	0	3	2	0	1	1
10	0	2	2	0	2	0	7	0	0	3	3	0	2	2
11	0	0	0	2	0	2	3	2	0	2	0	5	1	1
12	0	2	0	0	3	0	0	2	2	1	0	0	1	1
13	0	2	2	4	0	4	0	2	2	0	0	2	2	2
14	0	2	2	0	0	2	0	0	0	0	0	0	1	1
15	0	2	2	5	5	0	2	0	0	2	0	0	2	2
16	0	0	0	5	0	0	2	0	0	0	3	0	1	1
17	3	5	3	0	1	0	0	5	2	0	0	2	2	2
18	0	3	3	3	0	0	3	3	0	0	7	0	1	1
19	0	2	0	2	3	2	0	0	0	2	3	2	2	2
20	0	2	0	0	3	0	0	5	2	0	0	2	1	1
21	0	5	0	0	0	2	0	0	2	2	2	5	2	2
22	2	3	2	0	3	2	0	3	2	2	5	7	3	3
23	3	5	3	5	2	3	4	0	2	2	4	3	3	3
24	0	3	6	7	2	2	0	4	3	2	0	1	3	3
25	0	0	2	2	2	0	0	0	2	2	0	1	1	1
26	0	3	2	4	2	0	0	0	3	3	0	2	2	2
27	2	2	5	3	2	3	0	2	0	0	2	3	2	2
28	2	7	2	1	0	5	1	3	2	0	7	5	3	3
29	0	3	3	0	0	0	2	2	0	2	3	0	1	1
30	0	2	0	3	4	0	5	2	0	3	2	2	2	2
MEAN	1	2	2	2	2	1	1	2	1	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	5	1	0	3	4	3	0	0	2	2
2	0	1	4	0	0	2	2	0	3	0	0	4	1	1
3	1	3	3	4	2	2	2	2	0	2	0	3	2	2
4	0	4	5	0	3	0	3	1	0	0	5	2	1	1
5	0	0	0	0	0	0	0	1	4	0	2	0	2	2
6	2	7	0	3	2	0	1	1	2	2	1	0	2	2
7	0	2	3	2	4	1	2	1	2	2	0	4	2	2
8	2	3	2	4	2	0	3	2	2	2	0	0	2	2
9	1	2	7	2	2	2	0	4	2	1	0	0	2	2
10	0	0	3	4	0	0	3	0	3	0	2	0	1	1
11	2	2	5	2	0	0	***	0	2	1	0	3	2	2
12	3	2	3	2	5	2	5	0	0	1	2	2	2	2
13	0	3	0	3	3	0	0	3	0	5	0	0	1	1
14	0	3	1	3	2	0	2	2	0	0	3	0	1	1
15	2	0	3	0	0	0	0	2	0	0	5	2	1	1
16	3	4	0	2	0	0	0	0	2	0	3	0	1	1
17	2	0	2	0	2	0	0	3	2	2	1	0	2	2
18	2	2	2	3	3	0	3	0	3	2	0	1	1	1
19	2	3	0	0	0	0	0	3	0	0	0	2	1	1
20	2	0	3	0	3	3	2	2	0	0	0	2	1	1
21	0	3	3	0	0	5	0	2	0	2	0	3	2	2
22	0	0	2	0	0	0	1	0	3	0	2	2	1	1
23	0	3	3	0	0	0	0	1	0	2	3	3	1	1
24	2	5	2	3	3	0	0	2	2	0	2	2	2	2
25	0	2	0	3	0	3	2	2	0	0	0	7	2	2
26	2	0	2	0	5	2	0	0	0	0	5	2	2	2
27	4	3	2	2	6	3	2	0	2	2	2	3	3	3
28	3	3	0	2	2	2	2	2	2	3	3	2	2	2
29	2	2	2	0	3	0	0	2	3	0	4	0	1	1
30	3	2	0	0	3	0	0	0	2	0	0	0	1	1
31	1	2	0	0	0	3	0	2	2	0	3	0	1	1
MEAN	1	2	2	1	2	1	1	1	2	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	0	2	0	0	1	0	0	0	2	1	
2	2	0	0	0	2	3	0	0	2	0	0	2	1	
3	0	0	0	0	3	0	0	0	0	0	0	0	1	
4	0	0	2	0	0	2	0	0	0	0	0	2	0	
5	0	0	0	0	0	0	0	1	2	2	2	1	1	
6	0	0	0	0	0	0	0	2	0	2	0	3	1	
7	0	0	4	0	0	2	2	2	3	0	0	0	1	
8	2	2	1	2	0	2	0	3	0	0	1	0	1	
9	2	2	2	2	3	2	0	2	0	0	0	2	1	
10	0	0	4	2	0	1	2	0	0	2	2	3	1	
11	0	0	2	2	0	3	3	2	0	0	1	3	1	
12	0	0	5	0	2	0	0	2	0	3	0	0	1	
13	0	0	2	0	0	2	0	0	2	0	0	0	1	
14	0	2	2	0	0	0	0	0	2	0	0	0	1	
15	0	3	3	0	0	3	0	1	0	2	0	3	1	
16	2	2	2	0	2	2	2	2	0	2	1	1	1	
17	1	0	2	0	0	2	0	2	2	0	2	2	2	
18	2	0	0	2	0	0	3	0	3	0	3	0	1	
19	2	2	0	0	2	0	0	0	0	0	2	3	1	
20	0	0	0	0	0	0	0	0	2	0	0	0	1	
21	2	2	2	1	0	2	2	0	0	0	0	0	0	
22	0	0	0	0	0	2	0	2	0	0	0	0	1	
23	1	0	2	0	0	****	0	0	0	0	0	3	1	
24	0	2	3	0	0	2	2	2	2	2	2	2	2	
25	2	2	1	2	0	0	2	0	2	0	2	0	1	
26	0	2	2	2	2	3	3	2	2	3	2	3	2	
27	0	3	0	3	2	0	0	0	0	0	2	0	1	
28	0	3	0	2	0	3	2	0	1	3	0	0	1	
29	0	0	1	0	0	0	2	0	1	3	0	0	1	
30	0	2	2	2	0	0	0	0	2	2	2	0	0	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	0	0	0	0	0	0	0	2	0	
2	0	3	0	0	0	3	1	3	2	2	3	2	2	
3	0	2	0	0	0	0	0	0	3	0	2	0	1	
4	2	2	2	3	0	0	3	2	3	5	0	2	2	
5	2	2	3	2	2	2	3	***	1	0	2	1	2	
6	0	0	0	2	2	2	2	0	2	1	5	2	2	
7	3	1	2	3	2	1	3	0	3	1	2	3	2	
8	2	2	0	2	0	3	2	2	0	2	2	3	2	
9	2	2	0	3	0	0	0	0	0	2	0	1	1	
10	0	0	2	0	2	0	2	2	0	3	0	0	1	
11	3	0	0	0	3	2	0	3	0	2	0	1	1	
12	0	2	0	2	0	3	0	2	2	2	0	0	1	
13	2	5	1	2	1	2	2	2	1	5	2	0	2	
14	0	0	0	1	3	0	2	0	3	2	3	3	1	
15	2	3	0	0	2	0	0	1	2	0	0	2	1	
16	0	0	0	0	0	0	0	2	0	0	0	3	1	
17	0	5	0	0	0	1	0	2	0	0	0	3	1	
18	2	0	3	0	0	1	2	2	1	0	3	0	1	
19	3	2	2	3	2	1	0	2	2	2	3	0	1	
20	0	2	0	0	1	3	0	2	2	2	2	0	2	
21	0	3	0	3	0	2	3	0	0	0	2	0	1	
22	0	0	0	0	0	0	0	2	2	0	0	0	0	
23	0	0	1	0	0	0	0	2	0	0	0	0	0	
24	0	0	0	0	0	0	0	2	0	0	0	0	0	
25	0	3	2	2	0	0	2	1	0	0	2	0	0	
26	2	0	0	1	2	0	2	3	2	2	1	0	1	
27	0	2	0	2	0	***	0	0	2	0	0	0	1	
28	0	0	0	2	0	0	0	0	0	0	0	0	0	
29	0	0	3	0	0	0	0	0	0	2	0	0	0	
30	0	0	0	0	0	0	0	0	2	0	0	0	0	
31	2	0	0	2	0	0	0	0	0	0	2	2	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 75020			TEACHERS COLLEGE 1ST AVE			NORTH BAY		MONTH - AUG 78					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	2	3	0	0	0	0	0	0	3		
2	0	2	2	0	0	2	2	4	0	0	0	2		
3	0	2	0	0	0	0	0	2	0	0	0	0		
4	2	1	2	0	0	2	2	0	0	2	0	0		
5	0	3	2	2	3	3	0	0	0	0	2	0		
6	0	2	0	0	0	0	2	0	0	2	4	2		
7	0	0	0	0	2	2	2	0	2	2	0	2		
8	0	2	0	0	0	0	0	3	0	0	2	0		
9	0	0	2	1	0	0	2	0	0	4	0	0		
10	2	0	2	0	0	0	0	0	0	0	0	0		
11	0	0	0	0	0	0	0	2	0	0	0	0		
12	2	0	2	4	1	0	0	0	0	2	3	2		
13	0	2	0	0	3	0	2	0	2	3	0	3		
14	3	0	0	0	0	2	0	2	2	0	0	5		
15	3	2	3	2	3	0	1	3	0	2	1	0		
16	0	3	1	0	0	0	0	0	1	2	0	2		
17	0	3	0	2	2	0	0	3	2	0	2	0		
18	0	0	0	2	1	0	0	2	0	2	0	3		
19	3	2	0	0	0	0	2	1	0	0	0	0		
20	0	3	0	0	0	0	1	2	0	0	3	0		
21	0	0	3	0	0	1	0	1	0	3	0	0		
22	0	0	4	2	0	2	0	0	0	0	0	2		
23	0	0	0	0	3	0	2	5	0	0	2	0		
24	2	0	0	0	0	0	3	0	0	0	3	2		
25	2	3	1	2	0	0	0	0	0	2	0	2		
26	1	1	2	3	0	0	2	0	1	0	0	3		
27	0	1	0	0	0	0	0	0	2	0	0	0		
28	0	0	0	0	2	0	2	0	0	0	0	3		
29	0	0	0	0	0	1	2	2	0	0	2	0		
30	1	0	1	0	0	0	2	0	2	0	0	0		
31	0	0	0	0	0	3	1	0	2	5	0	3		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 75020			TEACHERS COLLEGE 1ST AVE			NORTH BAY			MONTH - SEP 78			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	2	2	0	0	1	0	0	0	1
2	0	2	0	2	0	3	0	0	2	0	2	0	1
3	2	0	2	0	0	0	0	0	0	0	0	0	1
4	0	1	3	2	0	0	0	2	0	0	2	1	1
5	0	1	0	0	0	2	0	1	0	0	2	0	1
6	2	0	0	0	0	0	0	0	2	0	1	0	1
7	0	0	2	0	2	***	0	0	0	0	0	3	1
8	3	0	0	4	3	2	3	1	0	2	0	1	1
9	0	2	1	0	2	0	0	0	0	2	2	0	1
10	0	0	0	0	0	0	0	0	0	2	0	1	1
11	0	2	2	0	7	3	0	0	0	3	0	2	2
12	0	3	0	2	2	0	2	5	0	2	0	0	1
13	0	2	3	3	0	2	0	2	0	0	3	2	1
14	0	0	2	2	1	2	0	3	3	2	0	3	2
15	2	0	1	0	0	4	0	2	0	1	0	2	1
16	0	2	0	2	3	0	0	0	3	0	2	0	1
17	0	0	5	1	1	0	0	0	1	0	3	0	1
18	0	0	0	0	2	1	2	5	0	5	0	0	1
19	3	0	2	1	0	1	2	5	0	1	7	7	2
20	2	5	2	4	2	2	2	7	0	2	7	3	3
21	0	0	2	0	***	0	2	0	0	2	2	1	1
22	2	0	0	1	2	0	0	1	0	4	2	0	1
23	1	3	1	0	0	0	2	2	1	2	0	0	1
24	0	2	0	0	1	0	1	5	2	0	3	0	1
25	2	0	0	0	0	0	0	0	1	4	3	1	1
26	2	0	1	0	0	2	2	2	0	2	2	2	1
27	2	2	3	1	0	0	3	2	0	3	0	0	1
28	2	0	2	2	2	0	0	1	3	0	1	1	1
29	2	1	2	2	6	2	0	2	0	1	2	2	2
30	0	2	0	0	2	0	2	2	3	3	2	4	2
MEAN	1	1	1	1	1	1	1	2	1	1	2	1	1.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	0	2	0	0	0	0	1	0	0	
2	1	0	6	6	4	1	0	3	3	0	2	0	2	
3	2	2	0	1	2	2	0	0	0	0	0	1	1	
4	2	1	1	0	2	4	2	0	0	0	0	3	1	
5	2	2	2	2	1	****	0	0	2	0	0	0	1	
6	3	0	0	3	2	2	0	3	2	0	0	0	1	
7	0	2	0	0	2	0	0	0	3	0	0	0	1	
8	2	2	2	0	0	0	0	0	0	2	2	5	1	
9	5	3	2	0	2	0	3	0	0	0	2	0	1	
10	3	0	0	0	2	0	3	0	2	3	0	5	2	
11	5	5	4	5	2	3	3	5	7	2	2	2	4	
12	3	2	2	0	0	3	0	0	2	3	0	0	1	
13	0	2	0	2	3	5	2	3	3	0	3	0	2	
14	0	3	2	0	0	0	2	0	3	0	2	0	1	
15	0	2	1	0	2	0	0	0	2	0	0	0	1	
16	0	2	0	2	0	0	0	2	3	3	0	5	1	
17	2	0	3	5	3	0	2	2	2	2	0	0	2	
18	1	2	0	3	2	****	5	3	2	5	0	0	2	
19	0	0	3	0	2	0	0	0	0	5	3	2	1	
20	0	2	0	0	0	2	2	0	1	0	0	3	1	
21	0	2	3	5	5	0	5	5	2	2	12	12	4	
22	5	7	3	5	3	0	2	2	2	2	0	2	3	
23	0	0	0	5	2	0	0	2	2	2	2	2	1	
24	0	2	3	3	0	2	3	0	0	2	2	0	1	
25	0	0	2	7	3	0	2	0	2	0	3	0	2	
26	0	3	3	2	0	0	0	0	2	0	7	0	1	
27	0	0	2	0	3	3	0	0	1	2	3	2	1	
28	0	2	3	0	0	0	5	0	2	2	0	2	1	
29	0	2	2	0	0	2	0	0	0	9	12	2	2	
30	0	3	0	0	0	0	2	2	0	0	3	2	1	
31	0	3	0	2	0	0	3	2	3	0	2	3	2	
MEAN	1	2	2	2	2	1	1	1	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	3	5	2	0	0	2	0	0	3	0	2	
2	0	4	2	0	2	****	0	0	4	2	9	9	3	
3	2	4	2	2	2	4	3	3	3	2	11	11	4	
4	5	7	10	8	4	3	2	2	0	3	2	4	4	
5	0	3	0	5	2	7	6	5	7	3	7	3	4	
6	1	3	3	0	2	1	0	5	0	2	0	0	1	
7	0	0	2	2	2	2	2	0	3	11	6	7	3	
8	2	4	0	1	2	2	2	0	2	2	4	2	2	
9	3	3	1	3	0	3	3	4	5	0	3	0	2	
10	0	0	3	0	2	1	2	1	0	2	0	1	1	
11	0	2	1	5	0	0	2	2	0	0	4	1	1	
12	0	4	0	2	0	0	0	1	2	0	2	0	1	
13	0	1	2	0	3	2	0	2	2	0	2	2	1	
14	0	5	1	0	3	0	0	0	0	3	0	0	1	
15	0	3	0	0	3	0	2	0	1	3	2	0	1	
16	0	3	1	3	0	****	0	0	5	3	2	2	2	
17	0	4	0	0	3	0	3	2	0	2	1	2	1	
18	0	1	2	0	2	1	1	2	2	0	0	2	1	
19	2	2	0	2	1	0	0	2	0	0	0	4	1	
20	0	0	2	0	3	1	2	2	0	4	2	3	2	
21	1	4	1	4	0	5	0	2	1	0	0	0	2	
22	0	2	2	1	3	2	3	1	5	0	2	4	2	
23	3	0	2	2	2	2	2	1	0	3	5	0	2	
24	2	0	0	1	0	3	2	1	2	2	0	3	2	
25	0	0	0	2	3	2	0	0	3	2	0	3	1	
26	0	2	2	3	1	2	3	2	2	0	1	2	2	
27	0	3	2	2	1	2	3	1	2	1	1	3	2	
28	0	5	3	2	2	2	1	0	7	10	5	3	2	
29	0	0	2	0	2	2	1	2	2	4	3	1	2	
30	5	1	0	2	1	0	0	****	2	9	10	2	3	
MEAN	1	2	2	2	2	2	2	2	2	2	3	2	1.9	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	6	2	2	2	1	4	2	1	3	2	
2	0	5	3	2	2	0	0	2	3	2	1	2	2	
3	0	2	0	2	0	1	0	0	2	0	3	2	1	
4	3	2	2	0	2	0	2	2	2	0	5	3	2	
5	0	2	2	1	2	0	4	1	2	2	3	0	2	
6	1	0	2	2	3	2	2	0	2	3	2	1	2	
7	0	3	2	2	1	2	2	0	3	0	2	0	2	
8	0	5	1	2	2	3	0	2	3	0	0	4	2	
9	1	2	0	0	2	2	4	4	0	3	1	1	2	
10	2	0	2	2	2	0	1	2	1	12	10	9	4	
11	0	2	1	2	3	3	1	4	5	2	5	0	2	
12	2	3	2	2	2	3	1	4	5	2	0	2	2	
13	2	1	1	3	2	3	0	2	2	0	3	2	2	
14	1	2	1	1	2	5	2	7	2	3	0	3	2	
15	0	0	3	3	3	7	2	3	2	2	2	1	2	
16	2	1	2	0	2	2	0	3	3	2	1	5	2	
17	2	0	2	0	0	1	2	2	0	2	2	2	1	
18	1	2	3	2	4	0	0	2	2	3	0	3	2	
19	1	1	0	6	2	1	3	2	6	9	8	3	4	
20	2	5	2	0	2	2	0	12	0	2	0	0	2	
21	2	2	1	0	2	0	1	2	3	11	14	9	4	
22	2	4	2	0	2	5	4	3	2	2	1	0	2	
23	2	0	2	2	2	2	2	4	2	3	12	10	4	
24	2	5	3	1	0	2	0	2	2	2	4	2	2	
25	0	3	1	2	0	2	2	0	1	2	0	2	1	
26	0	4	1	1	3	2	2	0	1	1	0	2	1	
27	0	0	1	6	5	2	2	0	4	2	3	4	2	
28	2	11	9	8	11	6	2	1	3	6	10	11	7	
29	3	3	1	6	3	3	0	3	4	2	1	2	3	
30	0	2	2	3	0	1	3	2	0	1	3	0	1	
31	1	2	0	1	2	3	0	2	3	0	3	1	2	
MEAN	1	3	2	2	2	2	1	2	2	3	3	3	2.3	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020					TEACHERS COLLEGE 1ST AVE NORTH BAY	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING		
JAN	0	7.6	***	15		
FEB	28	3.2	6	16		
MAR	31	2.5	5	13		
APR	30	1.5	3	7		
MAY	31	1.6	3	7		
JUN	30	0.9	2	5		
JUL	31	1.0	2	5		
AUG	31	0.9	2	5		
SEP	30	1.2	3	7		
OCT	31	1.6	4	12		
NOV	30	1.9	4	11		
DEC	31	2.3	7	14		
YEAR	334	1.7	7	16		

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 75020

TEACHERS COLLEGE 1ST AVE NORTH BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	0	4	1	0	0	0	0	5
FEB	233	86	13	1	0	0	0	333
MAR	303	63	4	0	0	0	0	370
APR	335	25	0	0	0	0	0	360
MAY	354	17	0	0	0	0	0	371
JUN	357	2	0	0	0	0	0	359
JUL	365	5	0	0	0	0	0	370
AUG	369	3	0	0	0	0	0	372
SEP	345	13	0	0	0	0	0	358
OCT	339	28	3	0	0	0	0	370
NOV	323	31	3	0	0	0	0	357
DEC	333	31	8	0	0	0	0	372
YEAR	3656	308	32	1	0	0	0	3997

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.3	0	0.0	0.0	1.1	1.8	3.4	4.8	6.9	9.0	16	1.7

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77023

HAPPY VALLEY FALCONBRIDGE

MONTH - MAR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23						****	0	3	0	3	0	2	*****
24	2	0	0	0	0	2	0	0	2	2	0	3	1
25	5	0	0	2	3	2	3	0	1	3	1	0	2
26	3	0	0	0	2	2	1	2	0	2	0	2	1
27	0	1	2	2	2	2	0	3	2	3	2	2	2
28	2	0	2	0	****	****	****	****	****	****	****	****	*****
29													
30													
31	****	****	****	****	****	0	0	2	0	0	2	0	*****
MEAN	2	0	1	1	2	2	1	2	1	2	1	2	1.3

PERCENTAGE OF DATA VALID - 17.5

PERCENTAGE OF DATA INVALID - 10.2

PERCENTAGE OF DATA UNAVAILABLE - 72.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	1	3	0	3	0	0	0	0	2	1	
2	0	0	0	0	2	0	2	2	2	1	0	3	1	
3	3	2	2	0	3	0	2	0	2	0	5	0	1	
4	0	2	2	0	3	3	0	0	2	2	0	1	1	
5	2	2	0	2	0	0	1	0	3	3	0	2	2	
6	0	2	0	5	0	4	1	0	0	0	3	0	1	
7	5	0	0	0	0	2	0	0	0	3	0	1	1	
8	0	0	0	0	2	2	0	0	2	0	0	0	1	
9	0	2	0	1	0	2	0	0	2	0	0	0	1	
10	0	0	0	0	2	1	3	0	0	3	3	0	1	
11	2	2	0	2	2	2	0	4	0	2	0	2	2	
12	0	1	0	2	2	***	0	2	3	0	3	1	1	
13	2	0	2	0	1	0	0	0	0	0	0	0	0	
14	2	0	2	1	0	1	2	0	0	3	0	2	1	
15	3	0	1	0	0	0	0	0	0	1	3	2	1	
16	2	2	1	3	0	2	0	2	0	2	0	0	1	
17	1	0	0	1	0	0	0	2	0	2	0	3	1	
18	2	0	2	2	0	0	0	0	0	0	0	3	1	
19	0	5	0	0	3	0	0	2	2	2	0	2	1	
20	0	2	0	0	0	2	0	0	0	0	2	2	1	
21	1	0	2	2	2	2	0	2	0	0	3	2	1	
22	0	2	2	1	0	3	0	0	0	1	0	0	1	
23	2	2	0	3	2	0	2	0	0	2	0	0	1	
24	0	0	2	0	0	1	2	3	0	0	2	0	1	
25	0	0	0	1	2	0	0	0	0	0	2	2	1	
26	2	0	2	0	2	0	2	0	0	5	0	3	1	
27	0	2	0	0	1	0	0	0	0	1	0	0	1	
28	2	3	0	2	2	2	0	2	1	0	2	3	2	
29	2	0	3	0	0	0	0	0	0	0	2	0	1	
30	2	1	3	0	0	0	0	0	0	0	2	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	2	1	0	2	0	2	1	2	0	1	
2	0	0	2	0	0	0	0	0	2	0	3	0	1	
3	2	0	2	2	***	3	0	2	3	2	0	3	2	
4	0	0	3	0	2	3	2	0	0	0	0	0	1	
5	0	0	0	0	2	0	2	3	0	0	2	0	1	
6	0	2	0	0	2	0	0	0	1	0	2	0	1	
7	0	2	0	0	0	0	0	2	2	0	0	0	1	
8	1	0	0	0	0	1	2	0	0	2	0	2	1	
9	0	0	2	3	0	0	2	0	0	0	0	0	1	
10	0	0	1	6	0	0	3	0	0	1	0	0	1	
11	0	3	0	0	0	5	0	3	0	2	0	2	1	
12	0	0	1	0	4	0	0	0	5	0	0	3	1	
13	2	0	1	7	2	4	2	0	0	0	6	0	0	
14	0	0	0	2	0	0	0	0	0	0	0	0	0	
15	2	0	1	0	0	***	-	-	-	-	-	-	*****	
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24	-	-	-	-	-	-	***	0	3	2	2	0	*****	
25	1	0	2	0	0	0	0	2	3	0	0	2	1	
26	0	2	3	0	2	0	1	0	3	3	0	2	2	
27	2	3	3	5	2	0	2	3	0	0	3	0	2	
28	3	0	0	3	0	2	0	2	0	2	0	0	2	
29	3	0	0	3	0	2	***	***	***	***	***	***	*****	
30	2	0	2	2	0	2								
31							- DATA INVALID -							
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 65.3 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 30.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10	1	1	2	2	3	2	0	0	0	0	2	2	*****	2
11	2	2	1	0	3	2	0	0	2	0	2	0	1	1
12	3	0	0	1	1	1	2	2	2	0	2	2	1	1
13	0	0	3	0	0	3	2	0	2	0	0	0	1	1
14	0	2	0	2	0	2	0	3	3	0	4	0	1	1
15	3	0	2	2	0	2	0	0	0	1	3	1	1	1
16	1	3	0	2	0	0	3	2	0	0	2	3	2	2
17	2	0	0	2	2	2	3	2	3	2	1	3	2	2
18	0	0	2	3	1	0	0	1	0	0	0	0	1	1
19	3	0	2	0	0	2	0	0	2	1	1	2	1	1
20	3	3	2	****	****	0	0	2	0	0	2	2	1	1
21	0	0	2	0	1	0	0	0	2	0	3	0	1	1
22	0	2	3	0	0	0	0	0	2	0	0	0	1	1
23	0	0	2	0	0	1	2	0	0	0	1	0	3	1
24	1	0	0	2	1	0	2	0	0	1	0	3	1	1
25	1	2	0	1	3	0	3	0	1	2	0	1	1	1
26	0	1	2	5	0	2	1	0	3	0	3	2	2	2
27	2	2	0	0	2	0	2	2	0	0	2	0	2	2
28	2	0	0	0	4	0	0	2	0	0	0	0	1	1
29	1	0	2	0	0	0	0	1	0	2	0	0	1	1
30	2	0	2	0	2	0	0	0	0	2	0	5	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1.1	

PERCENTAGE OF DATA VALID - 71.4

PERCENTAGE OF DATA INVALID - 11.7

PERCENTAGE OF DATA UNAVAILABLE - 16.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	0	3	1	0	3	0	2	0	0	1	1
2	2	2	0	0	0	2	0	2	1	0	0	0	1	1
3	0	0	2	2	3	3	1	0	0	2	2	0	1	1
4	3	0	0	2	0	0	2	0	2	0	0	2	1	1
5	0	3	2	0	2	1	1	2	0	0	0	0	1	1
6	2	0	0	3	2	3	0	3	3	2	0	3	2	2
7	3	0	2	2	0	2	0	2	3	3	0	2	2	2
8	2	2	0	2	1	0	0	0	1	0	0	2	1	1
9	0	2	0	3	0	0	0	0	3	6	2	0	1	1
10	0	2	0	0	2	0	1	1	0	0	0	3	1	1
11	0	2	2	0	2	0	0	2	0	2	2	0	1	1
12	2	2	0	3	0	2	2	0	0	3	1	4	2	2
13	0	0	0	2	0	0	7	0	2	0	3	0	1	1
14	0	0	0	0	2	2	2	0	3	0	2	0	1	1
15	3	0	2	3	2	1	2	0	3	0	0	0	1	1
16	3	3	0	2	4	0	0	2	3	0	1	0	1	1
17	0	0	0	0	0	0	0	2	2	0	2	0	2	2
18	2	2	0	0	0	2	0	0	3	1	0	2	1	1
19	1	0	4	2	3	2	0	1	0	0	5	0	2	2
20	5	0	2	0	3	0	0	1	2	2	0	1	1	1
21	1	0	2	2	2	0	0	1	2	0	0	2	1	1
22	0	2	0	0	0	1	0	0	0	0	0	0	0	0
23	2	3	3	0	2	2	0	2	3	0	0	0	1	1
24	1	2	2	0	0	3	0	0	3	2	0	3	1	1
25	2	0	0	1	0	****	-	-	-	-	-	-	*****	*****
26														
27														
28	-	1	0	3	1	6	2	2	0	1	0	2	2	2
29	0	3	0	2	0	0	1	3	0	0	2	0	1	1
30	0	0	2	1	1	2	0	2	1	3	0	2	1	1
31	2	0	2	2	2	0	6	0	0	4	0	0	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
		STATION - NE NO 77023						HAPPY VALLEY FALCONBRIDGE						MONTH - AUG 78	
		2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR	DAY														
1	2	2	0	3	0	2	0	2	0	2	0	0	1		
2	3	0	1	0	0	2	0	0	2	0	0	2	1		
3	2	2	0	0	0	1	4	1	0	2	0	2	0		
4	0	2	1	1	0	0	1	0	0	3	0	1	4		
5	0	3	2	0	0	0	0	0	0	3	6	0	0		
6	1	0	2	0	0	1	0	2	0	0	2	0	3		
7	3	0	0	4	2	3	4	2	1	0	0	1	1		
8	3	2	0	0	4	0	0	0	0	0	0	0	1		
9	0	0	2	0	0	2	0	0	0	2	0	0	0		
10	2	0	4	0	0	0	2	0	0	0	0	0	0		
11	1	2	0	2	0	2	0	2	0	0	2	4	0		
12	2	1	0	0	2	0	0	3	3	1	0	1	0		
13	2	2	5	7	2	2	2	1	1	0	2	4	2		
14	2	3	2	1	1	2	3	2	2	3	1	2	1		
15	0	3	0	3	5	2	0	2	2	2	0	2	5		
16	2	1	1	1	0	1	0	0	2	2	0	0	2		
17	2	0	0	0	0	1	0	0	0	1	2	2	0		
18	0	0	1	2	0	0	0	0	0	0	0	0	0		
19	2	2	0	1	1	3	1	2	0	0	1	0	5		
20	1	2	5	1	0	1	2	0	0	0	0	0	0		
21	2	0	3	2	2	0	1	0	3	2	2	4	2		
22	1	0	0	0	0	2	3	3	0	2	3	3	0		
23	2	0	0	0	3	0	0	0	0	0	2	0	0		
24	1	1	6	0	4	0	0	0	0	2	0	0	2		
25	1	0	2	1	0	2	0	3	0	1	0	4	0		
26	4	0	0	2	2	0	1	2	0	0	0	4	0		
27	1	2	0	2	2	0	0	3	0	0	3	0	4		
28	2	0	2	2	0	0	2	0	4	2	2	0	2		
29	0	0	2	0	0	2	0	3	0	3	0	2	0		
30	2	0	1	1	2	2	0	0	0	0	0	2	0		
31	2	2	0	2	0	3	2	0	1	2	0	3	1		
MEAN		2	1	1	1	1	1	1	1	1	1	1	1.2		

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
		STATION - NE NO 77023						HAPPY VALLEY FALCONBRIDGE						MONTH - SEP 78	
		2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
HOUR	DAY														
1	-	0	2	3	0	***	3	0	0	2	0	0	1		
2	3	2	2	0	0	0	4	3	2	2	0	0	2		
3	2	2	0	0	0	0	0	0	0	0	0	0	0		
4	2	0	0	0	0	3	2	0	1	0	0	0	27		
5	0	0	0	0	0	0	0	0	1	0	5	0	0		
6	0	2	3	0	0	3	0	0	0	0	0	0	1		
7	0	0	1	2	2	***	***	***	***	***	***	***	***		
8	0	2	0	0	0	***	***	***	***	***	***	***	***		
9															
10															
11															
12															
13	***	***	***	***	***	***	0	5	3	0	0	0	0		
14	0	0	0	2	0	0	3	0	0	3	0	3	0		
15	0	0	2	0	0	2	0	0	4	0	0	2	0		
16	3	0	0	0	0	0	0	0	3	2	2	0	3		
17	2	0	2	3	0	3	0	3	0	0	2	0	0		
18	0	0	0	0	0	2	2	2	3	0	2	0	2		
19	2	2	0	0	0	0	0	3	2	5	2	3	4		
20	0	0	2	0	0	2	0	3	2	0	0	0	0		
21	2	3	2	0	0	0	0	2	0	0	0	0	0		
22	2	0	3	0	0	0	0	0	0	1	0	0	0		
23	2	2	0	0	2	0	2	0	0	2	0	2	0		
24	0	0	4	4	0	0	0	0	3	0	0	0	0		
25	1	2	0	0	0	0	2	2	0	5	0	2	2		
26	2	0	0	0	0	2	2	2	0	0	0	0	0		
27	0	3	0	0	0	0	2	0	0	0	0	2	0		
28	2	0	3	0	0	3	2	2	2	0	2	0	0		
29	2	0	0	0	0	2	0	2	0	2	0	4	2		
30															
MEAN		1	1	1	1	1	1	1	1	1	1	1	2		

PERCENTAGE OF DATA VALID - 82.5

PERCENTAGE OF DATA INVALID - 17.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77023														MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	3	0	1	0	0	2	0	0	3	1		
2	0	0	0	0	0	0	0	0	2	0	2	0	0		
3	0	3	0	2	3	2	3	1	0	0	5	0	2		
4	0	0	0	0	5	0	2	2	0	0	1	2	1		
5	0	3	0	0	0	2	0	0	0	2	0	0	0		
6	0	2	1	0	0	0	0	0	0	0	0	0	0		
7	0	0	3	0	2	0	0	0	0	0	0	0	0		
8	0	0	2	0	2	0	0	3	2	2	0	0	1		
9	0	0	3	0	2	2	3	2	0	3	0	3	2		
10	0	0	0	0	****	2	0	3	0	2	0	2	1		
11	0	0	2	1	4	3	2	2	3	3	2	2	2		
12	5	0	2	0	2	0	0	1	2	0	0	0	1		
13	0	2	0	0	0	2	0	0	0	0	0	3	1		
14	0	2	0	2	0	0	0	5	0	0	2	0	1		
15	0	0	2	0	2	0	2	2	0	0	3	0	1		
16	4	0	2	0	0	0	0	2	0	2	2	1	1		
17	0	3	2	2	0	0	0	3	0	2	0	0	1		
18	2	2	0	0	2	2	2	0	2	0	2	0	1		
19	0	0	0	0	3	0	0	2	2	2	3	0	1		
20	3	2	0	2	0	3	0	2	0	0	0	0	1		
21	0	3	0	2	5	1	5	0	5	0	3	0	2		
22	4	0	2	0	3	0	5	0	2	0	0	2	2		
23	0	2	0	1	0	3	0	5	0	5	0	3	2		
24	0	2	0	0	0	2	0	2	0	0	5	3	1		
25	0	0	3	0	0	0	0	0	0	0	0	2	0		
26	0	0	2	0	2	3	0	2	0	0	0	0	1		
27	0	2	2	5	0	0	0	0	0	3	0	0	1		
28	3	0	2	3	3	0	3	0	0	0	2	0	1		
29	2	0	3	0	0	2	0	3	0	0	0	0	1		
30	0	2	0	2	0	0	0	2	0	3	2	3	1		
31	3	2	2	1	3	1	2	0	3	0	3	0	2		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77023														MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	5	2	5	0	3	0	3	0	0	2	0	3	2		
2	2	3	3	2	0	0	0	3	0	2	0	5	2		
3	2	2	0	3	0	0	3	2	4	0	5	2	2		
4	5	0	9	5	3	2	2	0	3	0	2	2	3		
5	0	2	3	0	3	7	5	5	3	7	2	3	3		
6	0	0	0	3	0	3	0	3	0	2	2	2	1		
7	2	0	5	0	3	0	2	0	0	0	0	0	1		
8	3	2	2	0	0	0	2	0	2	3	2	3	2		
9	1	2	0	3	0	0	0	4	0	0	0	0	1		
10	2	0	2	0	0	0	2	0	2	2	3	0	1		
11	3	0	2	0	2	0	2	0	3	0	2	0	1		
12	2	0	2	5	0	5	0	3	0	0	0	2	2		
13	0	0	0	0	3	2	0	2	0	2	0	3	1		
14	5	0	3	0	2	0	0	0	2	0	0	0	1		
15	3	0	2	0	1	0	2	0	0	3	0	2	1		
16	0	3	0	1	0	3	0	0	0	2	0	3	1		
17	0	0	2	0	0	0	0	0	2	0	2	0	1		
18	3	0	5	0	2	0	0	0	0	0	0	0	1		
19	0	0	0	0	0	0	0	5	0	0	0	2	1		
20	0	2	0	2	0	0	0	1	3	0	2	0	1		
21	1	2	2	0	2	0	3	0	0	0	2	3	1		
22	2	2	3	1	2	2	0	1	0	0	0	5	2		
23	0	2	0	2	0	0	0	2	0	0	2	0	1		
24	0	0	3	0	3	****	0	1	0	1	0	0	1		
25	0	2	0	1	0	0	4	2	2	1	2	0	1		
26	1	1	0	0	0	0	2	0	1	0	1	0	1		
27	0	1	0	1	1	0	1	2	1	0	0	2	1		
28	2	0	1	1	2	0	0	1	0	0	2	1	1		
29	0	2	0	1	1	2	1	2	0	0	0	1	1		
30	0	0	0	0	2	0	0	1	0	0	2	4	1		
MEAN	1	1	2	1	1	1	1	1	1	1	1	2	1.2		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023						HAPPY VALLEY FALCONBRIDGE						MONTH - DEC 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	2	0	****	****	****	****	****	****	****	*****
2							- DATA INVALID -						
3							- DATA INVALID -						
4	****	****	****	****	****	****	2	2	0	0	2	0	*****
5	2	1	0	0	3	0	2	2	0	0	1	0	1
6	1	2	4	3	2	0	1	0	2	0	0	0	1
7	1	1	2	0	1	2	0	0	0	1	0	2	1
8	0	1	0	0	****	****	0	0	2	0	2	0	1
9	0	0	0	3	0	5	2	0	0	0	2	2	1
10	0	1	0	0	0	0	0	0	0	0	1	2	0
11	3	0	2	2	0	1	0	1	0	2	0	0	1
12	0	2	0	2	2	0	0	0	3	0	0	0	1
13	2	0	1	0	0	2	0	0	1	1	0	2	1
14	0	0	0	1	2	0	0	0	1	0	0	2	1
15	0	0	1	0	0	0	1	1	1	0	0	2	1
16	0	0	2	0	0	1	0	1	2	1	1	1	1
17	0	1	0	1	0	3	0	2	2	1	3	2	1
18	0	2	0	1	0	1	2	0	4	5	0	0	1
19	0	0	0	2	0	0	2	1	0	0	0	0	1
20	0	1	1	0	4	2	0	0	1	0	0	0	1
21	0	0	0	2	0	0	0	0	1	0	1	0	0
22	0	0	0	0	0	2	0	0	2	0	0	3	1
23	1	0	1	0	0	2	0	3	2	0	1	0	1
24	0	0	2	0	0	3	0	1	0	0	1	3	1
25	0	2	1	0	0	2	0	1	1	0	0	2	1
26	1	0	0	0	2	1	1	0	1	1	2	1	1
27	0	0	0	0	0	0	1	1	0	2	1	0	0
28	2	2	0	3	0	0	2	2	0	2	2	0	1
29	1	2	0	2	1	1	0	1	0	2	1	1	1
30	0	0	0	2	0	0	0	2	0	0	1	0	0
31	3	0	2	2	0	1	2	2	0	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 89.5

PERCENTAGE OF DATA INVALID - 10.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	4	1.3	2	5
APR	30	1.0	2	5
MAY	19	1.0	2	7
JUN	21	1.1	2	5
JUL	28	1.1	2	7
AUG	31	1.2	3	7
SEP	24	1.1	2	27
OCT	31	1.1	2	5
NOV	30	1.2	3	9
DEC	27	0.8	1	5
YEAR	245	1.1	3	27

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	64	1	0	0	0	0	0	65
APR	354	5	0	0	0	0	0	359
MAY	236	7	0	0	0	0	0	243
JUN	255	2	0	0	0	0	0	257
JUL	334	6	0	0	0	0	0	340
AUG	364	8	0	0	0	0	0	372
SEP	292	4	0	0	1	0	0	297
OCT	359	12	0	0	0	0	0	371
NOV	341	18	0	0	0	0	0	359
DEC	331	2	0	0	0	0	0	333
YEAR	2930	65	0	0	1	0	0	2996

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
81.6	0	0.0	0.0	0.0	1.3	2.4	2.9	4.1	4.7	27	1.1	

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - JAN 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23	****	****	****	****	****	****	****	****	0	5	2	7	*****
24	2	0	0	4	0	2	3	3	6	8	2	3	3
25	2	1	2	4	1	3	5	0	-	-	-	-	2
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	2	1	1	4	1	3	4	2	3	7	2	5	2.7

PERCENTAGE OF DATA VALID - 8.5

PERCENTAGE OF DATA INVALID - 73.1

PERCENTAGE OF DATA UNAVAILABLE - 20.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - FEB 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16									****	4	3	5	*****
17	0	3	3	0	4	0	3	7	7	3	0	2	3
18	3	2	2	0	2	0	3	2	0	5	7	2	2
19	2	0	2	2	5	2	2	2	5	5	9	14	4
20	12	12	7	5	9	18	12	7	5	12	13	5	10
21	0	2	2	2	5	3	2	3	0	2	0	3	2
22	3	0	0	2	0	3	4	4	5	2	3	9	3
23	3	5	7	4	2	3	0	0	5	9	0	0	3
24	5	0	0	3	2	3	2	1	3	2	9	2	2
25	0	1	0	3	2	3	2	2	2	7	7	3	3
26	4	5	0	3	3	0	0	0	2	0	0	2	1
27	0	2	0	3	3	2	0	0	2	3	0	3	2
28	3	5	2	2	3	2	0	7	3	5	9	4	4
MEAN	3	3	2	2	3	3	2	3	3	5	5	4	3.2

PERCENTAGE OF DATA VALID - 43.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 56.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - MAR 78

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	3	2	2	3	0	2	5	0	5	2	2
2	0	5	7	7	12	2	2	2	3	3	7	2	4
3	3	5	2	0	3	2	4	5	3	0	0	3	3
4	0	0	3	0	3	0	0	3	0	2	5	3	2
5	2	3	3	3	4	3	3	2	0	3	0	6	3
6	7	5	9	6	7	2	0	3	2	3	****	****	4
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14	****	****	****	****	****	****	****	****	0	2	3	3	*****
15	0	5	0	2	3	2	3	0	7	7	7	9	4
16	7	2	2	4	2	6	2	5	3	6	3	2	4
17	3	0	2	2	4	5	3	2	2	5	2	0	3
18	3	1	3	1	3	2	2	2	2	3	2	2	2
19	2	3	2	2	0	0	5	0	5	2	1	5	2
20	5	9	6	9	9	3	2	2	3	3	4	3	5
21	0	3	2	7	6	2	0	3	5	3	3	3	3
22	2	3	6	9	13	11	0	6	2	2	2	2	5
23	2	2	2	7	6	0	3	1	2	3	2	2	3
24	2	0	3	0	3	3	2	4	0	5	5	5	3
25	5	2	5	3	6	5	0	3	2	4	7	5	1
26	2	0	0	2	2	3	0	0	2	0	0	3	2
27	2	0	0	2	0	4	0	0	3	4	3	0	2
28	4	0	3	2	7	2	2	0	3	0	3	2	2
29	4	0	4	2	0	2	3	0	2	3	2	2	3
30	8	3	4	3	5	2	2	2	2	3			
31	5	0	4	5	1	2	2	0	2	1	2	2	2
MEAN	3	2	3	3	4	3	2	2	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 74.7

PERCENTAGE OF DATA INVALID - 25.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - APR 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	2	3	6	0	2	0	0	0	0	2	2
2	0	1	2	3	0	0	2	4	1	0	4	2	2	2
3	3	2	3	2	2	3	3	0	3	2	0	2	2	2
4	3	8	2	2	3	1	0	2	3	6	2	4	3	3
5	3	0	5	3	4	0	2	0	4	7	7	2	3	3
6	0	3	2	3	3	6	0	0	2	2	5	3	2	2
7	3	0	3	0	2	2	2	2	3	5	3	0	2	2
8	3	3	0	2	5	0	2	3	0	2	3	2	2	2
9	2	2	2	0	2	0	0	2	0	0	0	0	1	1
10	3	2	0	0	2	3	2	2	1	2	0	2	2	2
11	0	0	0	2	1	3	5	2	3	4	6	3	2	2
12	7	2	2	***	***	***	***	***	0	4	6	4	***	***
13	5	4	4	7	5	0	2	2	1	3	0	4	3	3
14	2	0	1	2	2	0	***	***	***	***	***	***	***	***
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA INVALID -							
18							- DATA INVALID -							
19	***	***	***	***	***	***	***	***	2	1	2	3	***	***
20	0	2	0	2	1	4	5	2	3	0	0	2	2	2
21	2	2	0	2	0	0	3	0	2	2	0	3	1	1
22	2	2	0	0	0	2	3	0	3	2	5	7	2	2
23	5	3	5	3	0	3	2	3	1	3	2	8	3	3
24	3	2	0	3	3	0	0	2	0	3	0	0	1	1
25	2	2	4	2	0	0	0	2	3	3	3	2	2	2
26	2	0	2	2	5	7	0	2	0	0	5	3	2	2
27	4	2	1	2	3	0	1	3	3	0	7	1	2	2
28	3	6	5	3	2	2	3	2	0	0	3	2	3	3
29	0	0	2	0	3	4	2	3	0	0	2	1	1	1
30	0	2	0	0	3	0	3	2	0	0	2	3	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	2.1	

PERCENTAGE OF DATA VALID - 81.4 PERCENTAGE OF DATA INVALID - 18.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - MAY 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	3	3	0	2	0	2	2	0	2	2	2
2	0	0	2	0	0	0	3	0	1	2	2	4	1	1
3	3	0	3	0	3	0	0	2	1	2	3	0	1	1
4	3	3	3	3	0	0	3	1	3	5	2	2	2	2
5	0	0	2	5	2	2	3	2	2	0	5	2	2	2
6	2	3	2	2	2	0	0	3	1	2	0	0	1	1
7	2	3	0	0	2	0	3	0	2	5	0	5	2	2
8	0	2	3	3	2	3	2	2	2	0	2	2	2	2
9	2	0	2	2	5	0	2	3	1	2	2	2	2	2
10	3	2	2	3	1	0	2	2	3	3	2	0	2	2
11	4	0	2	2	2	2	2	2	0	2	6	1	3	3
12	2	0	0	4	3	4	2	6	2	2	3	2	2	2
13	0	0	0	3	3	5	2	2	4	0	3	0	2	2
14	3	0	2	2	1	0	2	0	2	0	2	2	1	1
15	0	0	0	2	2	2	0	2	1	0	1	2	1	1
16	3	0	2	1	0	2	4	2	1	4	2	5	2	2
17	2	3	0	3	2	2	2	2	3	2	2	4	2	2
18	0	1	3	4	6	2	0	3	2	0	2	2	2	2
19	0	2	0	2	5	3	2	2	0	3	2	5	2	2
20	3	2	0	2	3	0	4	2	1	0	2	0	2	2
21	2	0	3	0	0	2	0	3	0	2	3	2	1	1
22	0	0	2	2	0	3	0	2	2	2	2	0	1	1
23	2	0	3	2	3	4	0	2	2	0	3	3	2	2
24	0	2	3	8	***	0	2	3	2	0	0	2	2	2
25	0	2	4	3	2	2	0	2	3	0	0	0	2	2
26	3	2	3	7	2	2	2	2	0	4	3	0	3	3
27	0	2	2	2	2	1	2	2	2	0	2	2	2	2
28	2	2	3	2	2	0	3	2	3	0	3	2	2	2
29	3	3	3	2	2	2	2	4	1	2	3	1	2	2
30	4	3	3	0	2	0	2	3	2	0	2	0	2	2
31	2	0	0	2	0	0	2	2	2	0	0	0	1	1
MEAN	2	1	2	2	2	1	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JUN 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	0	2	0	0	3	0	2	0	0	1	
2	0	2	0	2	0	0	0	0	0	2	0	0	1	
3	0	2	2	2	2	2	2	0	0	0	1	2	1	
4	0	0	0	0	0	0	0	0	2	0	3	0	0	
5	2	0	0	2	2	2	0	0	2	0	0	0	1	
6	0	0	0	0	2	0	0	0	2	0	2	0	1	
7	1	3	3	2	2	0	3	1	0	3	0	3	2	
8	0	0	2	2	0	2	0	0	0	1	2	0	1	
9	0	0	0	0	0	0	0	0	0	0	3	0	1	
10	2	0	0	2	0	0	0	0	2	2	0	0	1	
11	0	0	0	0	0	3	0	3	0	0	2	2	1	
12	0	2	2	0	3	2	0	0	0	0	0	2	1	
13	0	0	0	2	0	0	0	0	0	0	3	2	1	
14	0	0	0	0	0	2	0	2	2	0	2	0	1	
15	0	2	0	2	0	2	0	3	0	0	2	2	1	
16	3	0	2	2	2	2	2	0	0	0	0	0	1	
17	3	0	2	2	0	3	4	0	2	0	2	0	2	
18	2	0	3	0	0	2	0	0	2	0	3	0	1	
19	0	1	2	0	0	3	0	0	0	0	3	0	1	
20	0	0	0	2	2	3	0	1	0	2	0	0	1	
21	0	3	2	0	3	2	0	0	2	0	2	0	1	
22	0	0	0	0	2	0	1	0	2	0	0	0	0	
23	2	0	0	3	2	0	3	0	0	0	2	2	1	
24	0	2	0	0	2	0	0	2	0	0	0	0	1	
25	2	0	0	0	0	0	0	0	0	2	0	2	1	
26	0	0	2	0	2	0	0	0	0	0	2	0	1	
27	3	0	1	2	0	3	0	0	0	0	0	0	1	
28	0	0	0	0	0	0	2	0	0	0	2	0	1	
29	0	0	2	0	3	0	***	0	5	3	3	0	1	
30	3	0	3	0	2	***	***	***	***	***	***	***	***	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JUL 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	0	3	0	2	3	3	5	1	
2	0	2	0	0	0	3	2	0	0	0	0	5	1	
3	0	3	0	3	0	1	0	0	0	2	2	2	1	
4	2	5	2	5	0	5	2	2	1	2	3	0	2	
5	3	0	3	3	2	0	2	0	2	2	5	0	2	
6	3	0	2	3	5	1	3	2	2	0	2	0	2	
7	2	2	4	3	7	3	5	3	3	2	3	5	4	
8	2	3	2	2	0	0	0	3	0	5	2	3	2	
9	0	2	0	3	2	0	2	3	2	0	2	0	1	
10	3	0	2	0	0	0	0	0	0	0	3	0	1	
11	2	0	0	0	2	0	4	0	0	0	2	2	1	
12	0	2	0	5	0	0	0	0	5	0	2	2	2	
13	0	3	0	3	0	3	2	3	0	3	2	3	1	
14	2	0	2	3	2	2	0	0	2	0	3	0	2	
15	3	0	5	0	2	0	3	0	3	0	0	3	2	
16	0	0	0	0	0	0	2	2	2	2	0	2	1	
17	0	3	0	3	2	7	0	5	0	3	3	3	2	
18	0	3	0	3	5	2	2	3	5	2	5	0	3	
19	5	2	3	3	7	2	7	3	7	3	9	5	5	
20	2	3	5	4	3	5	0	5	0	3	3	1	3	
21	0	4	0	5	0	5	0	3	0	3	0	2	2	
22	0	0	2	2	3	5	3	2	2	0	3	2	2	
23	3	0	0	0	0	0	0	0	0	0	5	5	1	
24	2	0	3	3	0	3	1	0	0	0	0	2	1	
25	0	2	0	2	0	3	2	3	0	4	0	2	2	
26	2	2	4	5	5	7	3	3	5	0	5	2	4	
27	3	0	2	3	5	0	5	0	3	2	2	0	2	
28	0	2	2	2	2	2	2	3	0	3	2	0	2	
29	0	2	0	5	0	2	0	3	0	3	2	0	1	
30	0	2	2	0	0	0	0	0	2	0	2	0	1	
31	0	0	4	3	3	0	2	2	3	3	2	2	2	
MEAN	1	1	2	2	2	2	2	2	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - AUG 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	0	5	2	4	0	2	0	2	2	1	2	2
2	2	2	3	2	2	3	3	3	3	0	4	0	2	2
3	2	0	5	0	5	0	3	***	0	0	0	0	1	1
4	0	0	0	3	0	2	0	0	0	3	0	3	1	1
5	3	0	3	0	2	0	0	0	5	0	3	0	1	1
6	3	0	3	0	0	2	2	2	2	1	0	2	1	1
7	0	2	0	2	2	0	0	0	0	3	0	5	1	1
8	0	4	3	5	4	0	4	2	3	0	3	2	3	2
9	0	0	3	0	2	2	0	0	2	0	3	3	1	1
10	0	2	0	2	0	3	3	2	1	0	2	0	1	1
11	0	2	0	5	0	5	0	0	2	2	0	0	1	1
12	3	3	4	2	3	2	5	0	3	0	2	2	2	2
13	2	0	2	2	0	3	3	0	0	2	2	5	2	2
14	0	2	0	5	0	5	3	5	0	****	****	****	2	2
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA INVALID -							
18							- DATA INVALID -							
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22							- DATA INVALID -							
23							- DATA INVALID -							
24							- DATA INVALID -							
25							- DATA INVALID -							
26							- DATA INVALID -							
27							- DATA INVALID -							
28							- DATA INVALID -							
29							- DATA INVALID -							
30							- DATA INVALID -							
31							- DATA INVALID -							
MEAN	1	1	2	2	2	2	2	1	2	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 44.1

PERCENTAGE OF DATA INVALID - 55.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - NE NO 77026 19 LISGAR ST. SUDBURY							MONTH - SEP 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7	****	****	****	****	****	****	****	****	0	5	2	2	*****
8	5	5	2	2	3	5	2	3	1	0	0	3	
9	0	2	2	2	2	1	3	0	2	0	0	1	
10	2	0	0	0	2	2	0	2	2	1	2	0	
11	0	2	3	4	4	2	5	3	2	2	0	4	
12	0	0	5	2	2	2	0	3	1	0	0	0	
13	0	1	0	1	2	0	2	0	0	5	0	2	
14	0	1	3	0	3	2	2	2	0	2	3	0	
15	1	4	0	5	2	1	3	0	0	2	0	2	
16	0	2	2	2	3	0	0	0	2	3	1	3	
17	0	2	0	2	2	2	0	1	0	5	5	3	
18	2	0	2	2	3	0	2	1	3	0	0	2	
19	0	2	2	3	0	0	2	4	6	0	0	1	
20	2	0	0	3	2	5	5	4	1	2	2	2	
21	2	2	8	7	2	2	1	3	2	2	4	5	
22	2	1	2	4	3	2	3	0	0	0	0	3	
23	0	3	1	8	3	0	1	0	0	0	5	0	
24	2	0	0	3	2	3	3	2	2	0	2	0	
25	3	0	0	2	3	0	2	0	2	4	2	0	
26	1	4	3	2	3	0	0	2	2	2	2	2	
27	2	0	0	3	0	0	0	3	1	0	3	0	
28	0	3	4	0	3	2	2	3	1	3	2	5	
29	0	0	2	2	4	2	4	4	2	1	3	2	
30	3	2	0	2	0	2	1	2	3	3	3	0	
MEAN	1	2	2	3	2	1	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 77.8

PERCENTAGE OF DATA INVALID - 22.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - OCT 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	0	2	0	2	0	0	6	2	3	2	
2	5	2	2	7	1	0	3	3	0	4	3	0	3	
3	2	0	2	2	2	2	1	5	3	2	0	2	2	
4	2	3	2	5	3	2	0	2	1	2	5	7	3	
5	0	2	0	4	0	0	0	3	0	0	9	4	2	
6	4	5	4	6	5	0	3	0	1	2	0	3	3	
7	3	1	2	2	2	2	2	2	5	2	2	0	2	
8	1	0	0	1	2	5	0	2	2	2	3	2	2	
9	0	0	5	8	3	4	2	4	4	2	1	1	3	
10	0	2	2	13	5	5	2	2	1	3	5	5	4	
11	2	3	5	2	4	2	0	3	4	0	4	3	3	
12	2	3	0	1	2	5	0	2	1	2	0	2	2	
13	1	2	0	0	2	1	0	0	3	3	5	0	1	
14	0	0	2	1	0	2	4	1	0	4	0	0	1	
15	2	0	0	4	3	0	0	0	0	5	5	0	2	
16	4	0	2	4	4	0	2	3	5	2	5	0	3	
17	6	2	2	9	3	3	0	3	2	2	2	1	3	
18	2	0	2	5	3	3	2	5	2	2	2	0	2	
19	1	3	2	2	3	0	3	5	0	4	3	7	3	
20	0	2	7	3	2	0	2	3	0	4	3	7	3	
21	8	2	7	8	9	1	0	2	2	3	5	7	5	
22	0	2	2	3	3	3	2	4	2	0	0	0	2	
23	2	1	0	2	2	0	2	2	1	3	2	2	2	
24	5	2	3	2	2	2	2	1	1	0	2	0	2	
25	1	3	1	7	2	1	1	6	0	5	2	0	2	
26	2	0	0	3	2	2	0	0	0	5	0	0	1	
27	2	0	0	6	0	0	5	2	1	2	0	0	2	
28	3	2	0	0	2	0	0	2	0	1	0	0	1	
29	0	0	0	0	3	1	2	0	2	2	3	0	1	
30	1	3	0	3	2	0	1	2	2	2	3	0	2	
31	2	4	0	2	0	0	1	0	4	4	2	6	2	
MEAN	2	2	2	4	3	1	1	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - NOV 78	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	4	3	4	2	1	0	0	1	0	2	
2	0	2	0	4	3	0	0	5	6	8	8	15	4	
3	9	5	3	1	2	1	2	2	3	3	8	4	4	
4	4	2	2	4	2	2	1	2	1	2	1	2	2	
5	0	1	0	4	5	5	4	2	2	2	6	1	3	
6	2	0	0	2	0	2	1	1	0	0	4	2	1	
7	0	1	0	2	0	1	0	0	0	1	4	3	1	
8	2	0	1	2	1	0	0	0	3	1	0	0	1	
9	0	2	0	1	4	2	2	2	0	1	2	0	1	
10	0	0	0	0	2	1	0	2	4	0	2	1	1	
11	2	0	0	0	1	0	1	3	2	0	0	0	1	
12	0	0	0	0	2	2	2	0	2	2	0	1	1	
13	2	0	2	2	0	2	1	0	2	0	0	3	1	
14	0	0	0	2	0	0	1	0	0	3	1	4	1	
15	1	0	3	0	3	2	2	0	2	0	2	1	1	
16	0	0	2	1	2	2	0	0	2	3	0	4	1	
17	0	0	2	0	3	2	3	2	2	2	0	0	1	
18	0	0	4	0	3	3	4	1	2	2	0	2	2	
19	0	0	1	0	1	2	0	0	2	0	0	1	1	
20	1	0	0	0	0	1	2	***	0	1	1	3	1	
21	0	0	1	1	1	5	0	2	0	1	2	2	1	
22	0	2	5	3	1	2	2	3	1	2	1	0	2	
23	0	0	1	0	2	3	2	2	2	2	0	2	1	
24	0	1	2	0	2	2	0	0	2	2	0	2	1	
25	0	1	0	0	0	2	2	1	2	0	2	1	1	
26	0	1	0	0	2	2	3	0	0	1	1	1	1	
27	0	1	0	2	1	2	2	0	2	2	1	1	1	
28	0	1	0	2	2	2	6	2	2	1	0	0	2	
29	0	1	0	0	2	1	3	2	2	1	2	2	1	
30	2	3	0	2	2	0	2	2	4	3	5	7	3	
MEAN	1	1	1	1	2	2	1	1	2	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - NE NO 77026 19 LISGAR ST. SUDBURY							MONTH - DEC 78						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	2	2	3	1	1	5	2	1	3	2
2	2	2	4	2	0	0	1	2	1	1	3	3	2
3	0	1	2	0	0	1	0	0	1	0	1	2	1
4	0	3	2	7	2	0	2	0	0	2	1	0	2
5	2	0	0	1	2	0	2	3	0	4	0	0	1
6	4	0	0	3	0	0	0	2	0	1	4	0	1
7	9	5	4	5	0	0	2	2	0	1	1	0	2
8	1	2	1	1	1	1	1	5	3	....	....	....	2
9	- DATA INVALID -												
10	- DATA INVALID -												
11	....	....	....	....	....	....	....	....	3	0	2	0	.....
12	2	3	2	0	5	1	5	0	2	0	2	2	2
13	3	2	7	3	3	6	0	2	2	1	1	3	3
14	5	5	2	3	3	2	3	2	5	1	2	4	3
15	3	0	0	8	6	3	3	2	2	0	0	4	3
16	0	1	2	2	5	4	2	0	2	2	7	2	2
17	2	1	2	1	2	2	1	2	2	2	0	5	2
18	3	5	0	0	0	2	1	2	1	0	3	0	1
19	2	0	1	2	2	3	0	3	3	3	2	0	2
20	5	2	4	1	3	5	0	1	2	0	2	0	2
21	0	0	2	0	2	3	2	5	3	3	5	4	2
22	3	3	0	4	3	2	3	3	2	3	1	3	3
23	0	3	2	2	5	2	3	3	7	3	9	9	4
24	2	0	0	2	0	2	1	3	0	2	2	2	1
25	0	3	0	1	1	2	0	3	0	0	0	0	1
26	0	2	0	0	0	0	2	2	2	3	3	3	1
27	2	0	2	3	4	1	3	2	6	4	2	3	3
28	0	3	2	3	9	3	1	3	9	13	17	13	6
29	6	5	2	1	2	2	3	3	1	3	2	2	3
30	0	1	0	0	0	2	1	3	0	3	2	1	1
31	3	0	0	2	0	0	2	3	0	0	2	3	1
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	2.1

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 9.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "....." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".\*" INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	2	2.7	3	8
FEB	12	3.2	10	18
MAR	23	2.9	5	13
APR	23	2.1	3	8
MAY	31	1.8	3	8
JUN	29	0.9	2	5
JUL	31	1.8	5	9
AUG	14	1.6	3	5
SEP	23	1.8	3	8
OCT	31	2.1	5	13
NOV	30	1.5	4	15
DEC	28	2.1	6	17
YEAR	277	1.9	10	18

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	19	5	0	0	0	0	0	24
FEB	109	31	6	1	0	0	0	147
MAR	219	56	3	0	0	0	0	278
APR	264	29	0	0	0	0	0	293
MAY	355	16	0	0	0	0	0	371
JUN	351	1	0	0	0	0	0	352
JUL	330	42	0	0	0	0	0	372
AUG	151	13	0	0	0	0	0	164
SEP	261	19	0	0	0	0	0	280
OCT	326	45	1	0	0	0	0	372
NOV	342	16	1	0	0	0	0	359
DEC	302	32	2	1	0	0	0	337
YEAR	3029	305	13	2	0	0	0	3349

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.5	0	0.0	0.0	1.3	2.0	3.9	4.8	6.7	8.2	18	1.9

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JAN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	3	3	3	6	5	4	6	4	3	5	3	2	2	3	3	1	2	2	2	2	2	3
2	2	3	4	4	2	4	5	2	6	3	4	5	4	6	5	7	3	6	6	5	6	7	5	5	5
3	5	5	6	6	7	8	6	6	7	7	2	5	2	2	4	3	5	3	8	7	***	6	7	6	5
4	5	15	9	6	7	***	3	7	7	8	9	7	9	***	9	6	10	9	7	***	5	16	13	14	9
5	18	10	7	7	0	8	8	8	12	8	11	9	12	14	11	10	10	11	9	11	-	-	8	10	9
6	10	13	12	9	8	7	7	8	10	13	10	9	0	10	10	11	7	8	9	9	6	7	6	5	9
7	4	1	3	5	4	4	5	6	6	9	8	10	11	13	12	9	13	13	14	10	11	11	13	11	9
8	10	11	9	9	10	9	16	12	11	8	8	5	7	6	8	5	0	4	2	3	***	0	0	4	7
9	0	0	2	2	0	***	3	3	6	1	2	3	4	1	0	3	0	0	0	3	1	2	2	3	2
10	0	1	0	0	0	0	2	2	3	***	8	7	5	4	2	6	2	5	3	2	4	4	2	4	3
11	3	4	3	7	4	12	7	9	10	6	7	7	6	5	5	4	6	6	8	7	8	10	9	11	7
12	10	9	11	9	11	12	15	17	17	13	15	13	22	21	-	6	7	8	6	7	8	7	5	6	11
13	5	6	4	7	6	5	5	3	4	***	7	7	3	7	4	8	8	10	3	6	4	3	4	2	5
14	3	3	0	0	0	0	0	2	3	2	3	4	0	2	2	2	2	4	2	0	3	5	4	4	2
15	3	2	3	2	2	9	3	2	5	6	6	5	3	3	2	0	3	0	4	7	3	3	2	3	3
16	1	6	8	8	9	7	8	7	***	8	6	9	10	7	7	5	11	10	6	10	13	21	19	11	9
17	10	11	9	6	7	7	6	6	7	6	6	5	6	7	5	5	5	5	6	2	5	3	5	4	6
18	2	3	0	1	2	4	7	6	6	10	5	4	5	4	2	5	5	4	6	0	4	6	3	6	4
19	6	7	6	4	4	3	4	7	8	11	11	8	3	6	4	4	4	5	2	0	***	3	3	3	5
20	3	0	2	0	0	3	4	3	3	***	3	4	4	6	2	5	5	4	5	5	2	6	4	4	3
21	2	4	6	2	3	3	4	4	3	5	5	5	8	6	3	3	3	3	4	3	6	7	4	7	4
22	8	6	7	8	9	8	7	6	7	10	8	8	8	5	6	4	4	7	10	12	14	8	11	8	8
23	15	13	13	8	7	10	11	11	16	10	12	11	9	9	5	9	12	12	10	8	11	13	16	***	11
24	11	7	14	9	10	10	13	14	13	13	15	11	***	***	12	9	15	10	13	11	10	15	13	12	12
25	11	7	8	8	3	8	5	6	3	6	***	***	-	5	5	9	2	-	0	2	2	2	***	4	4
26	4	2	4	0	3	3	1	2	2	5	2	2	3	3	2	2	7	8	8	7	10	5	6	4	3
27	2	0	0	0	0	1	4	4	2	4	5	5	3	4	3	2	0	3	4	2	0	2	1	2	3
28	4	4	1	4	3	3	0	3	0	2	1	4	3	3	0	0	3	4	3	5	7	3	8	4	3
29	2	3	2	0	0	0	0	6	5	5	6	2	6	7	4	17	8	7	10	8	9	15	11	8	6
30	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	8	11	9	8	7	8	9	11	11	17	13	8	0	4	6	6	5	5	5	4	8	6	5	7	8
MEAN	6	6	5	5	4	5	6	6	7	7	7	6	6	6	5	6	6	6	6	5	6	7	6	6	6.0

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - SW NO 12008		467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	9	12	8	7	10	10	12	15	19	15	14	9	11	10	13	7	8	7	6	8	8	10	10
2	8	7	11	5	8	7	13	26	18	20	22	17	10	7	3	5	7	2	7	5	7	9	10	8	10
3	6	5	4	5	4	4	6	12	15	12	12	5	2	5	7	5	7	5	7	4	8	7	8	7	7
4	8	2	3	9	3	6	8	7	9	11	7	6	5	2	2	14	9	4	6	6	5	8	7	5	6
5	7	5	3	3	3	4	0	4	4	6	6	9	10	4	5	4	5	4	4	3	3	3	4	2	4
6	4	1	3	0	5	3	5	4	***	10	6	7	6	3	0	3	6	4	3	3	3	4	2	3	4
7	2	2	2	2	2	3	3	5	8	8	8	4	4	4	2	5	3	5	5	3	3	5	5	6	4
8	3	4	5	4	9	7	9	9	15	13	14	8	7	8	7	6	8	7	5	3	2	3	3	5	7
9	3	4	5	2	6	4	9	12	6	12	11	8	5	7	4	6	3	6	5	5	6	7	9	9	6
10	5	8	4	5	4	7	8	9	16	***	13	8	5	3	4	1	5	7	5	6	8	10	7	7	7
11	6	9	10	9	11	8	8	15	11	11	12	10	6	4	3	2	0	3	2	3	4	7	4	4	7
12	5	3	3	2	4	4	4	5	6	4	6	4	0	3	0	1	3	0	3	3	3	4	4	6	3
13	4	4	5	6	6	7	9	16	11	8	6	11	6	4	12	2	5	3	5	3	0	3	1	3	6
14	2	3	2	0	1	5	5	9	10	7	6	6	4	3	3	2	4	3	5	7	4	7	9	12	5
15	11	10	7	5	4	6	5	3	11	10	11	6	8	9	5	5	6	7	5	4	5	6	5	7	7
16	5	6	6	6	5	4	7	8	7	4	4	6	4	3	6	4	6	3	7	8	8	7	4	3	5
17	3	3	6	14	8	12	20	20	18	***	10	12	7	0	0	7	8	8	14	8	12	9	9	13	10
18	11	***	15	11	8	***	4	11	9	14	16	12	5	4	3	3	6	4	3	3	2	4	8	7	7
19	11	5	4	4	3	4	4	5	9	12	5	6	5	3	5	3	2	3	3	5	6	7	8	9	5
20	6	8	9	10	8	10	10	9	15	18	17	15	5	3	5	3	7	4	6	0	6	3	4	7	8
21	10	10	11	9	8	8	11	9	13	12	8	8	3	3	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	2	***	3	3	2	2	2	6	0	3	8	9	13	10	***
23	10	5	10	***	***	8	5	11	13	***	8	13	14	8	3	5	10	9	12	12	14	6	8	8	9
24	11	3	3	8	9	10	8	11	15	***	7	7	5	6	5	6	7	5	3	3	3	3	3	5	6
25	7	4	3	3	4	7	6	9	4	3	2	3	5	3	5	3	2	2	2	3	3	3	3	3	4
26	4	3	7	4	4	4	3	2	1	3	3	0	2	0	0	0	0	1	2	2	3	4	2	3	2
27	2	1	2	3	4	3	5	7	10	6	4	3	3	2	2	4	4	5	4	5	4	6	7	4	4
28	5	9	5	7	6	5	5	7	8	5	5	4	9	***	7	6	7	6	5	6	9	8	8	5	6
MEAN	6	5	6	6	6	6	7	9	11	10	9	8	6	4	4	4	5	5	5	5	5	6	6	6	6.2

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - SW NO 12008		467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - MAR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	1	2	2	4	7	5	4	4	4	3	3	3	3	3	4	3	3	4	8	9	4
2	16	14	8	7	6	7	12	25	23	21	7	4	0	3	4	5	7	3	11	3	3	5	6	7	9
3	9	5	0	2	2	3	3	4	7	10	7	5	-	0	2	3	4	5	5	5	5	6	6	5	4
4	4	3	0	0	0	0	0	2	3	5	3	2	2	2	0	2	0	0	2	2	2	2	1	0	2
5	3	2	2	2	2	3	5	6	11	9	7	8	5	4	3	3	4	5	5	3	5	8	7	4	5
6	5	8	8	8	11	6	9	9	12	10	6	5	6	9	***	11	10	8	8	8	11	13	8	9	9
7	9	13	13	15	11	10	13	16	14	11	8	8	3	3	2	3	3	***	3	4	4	5	5	6	8
8	5	5	4	3	0	2	3	7	9	8	6	3	3	5	4	6	4	4	5	3	5	0	3	5	4
9	5	6	7	7	26	21	13	18	15	8	11	15	3	12	9	7	6	8	10	11	11	8	11	18	11
10	14	15	15	14	12	16	14	18	16	***	9	7	6	5	8	4	8	5	5	9	11	9	10	14	11
11	14	13	16	17	9	13	13	14	14	13	12	13	13	12	12	14	11	13	13	12	***	***	17	14	13
12	15	18	16	17	11	10	8	5	4	4	5	4	4	2	3	3	0	4	4	9	5	10	8	12	8
13	7	11	7	6	6	5	7	11	12	9	5	7	9	5	5	8	9	12	10	10	7	10	9	8	8
14	9	8	4	4	4	5	6	7	8	7	7	6	7	***	***	6	7	6	6	6	4	4	4	4	6
15	3	4	3	4	3	4	5	8	16	12	7	4	6	4	10	7	4	3	6	3	4	4	2	4	5
16	4	4	3	4	3	5	5	8	8	9	10	4	3	1	3	4	4	5	5	3	5	4	5	2	5
17	3	4	4	5	5	5	6	7	7	***	4	2	4	4	4	3	4	3	4	3	3	3	5	4	4
18	3	3	4	4	4	8	6	9	12	10	3	3	1	2	2	2	2	3	3	3	3	3	4	3	4
19	3	7	4	4	4	2	2	3	3	4	0	1	2	0	0	0	0	2	0	3	5	4	8	9	3
20	9	4	7	5	2	0	0	3	3	4	3	6	5	3	5	5	6	6	4	3	3	4	3	6	4
21	6	11	7	5	5	10	5	6	8	5	12	7	7	6	4	4	3	4	5	3	4	3	3	4	6
22	3	5	10	6	6	4	7	7	9	10	3	6	6	5	7	10	10	13	11	9	10	9	10	6	8
23	5	4	4	4	4	6	9	11	12	10	10	5	4	2	3	2	3	3	2	1	2	2	0	1	5
24	0	0	0	0	1	2	2	2	2	3	2	2	0	2	0	0	0	1	1	2	2	0	1	2	1
25	2	2	2	2	2	2	2	3	3	3	5	4	4	3	3	4	3	3	3	3	3	2	3	2	3
26	3	3	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	4	2	2	2	2	3	3	3	5	3	3	3	3	3	***	0	1	2	0	1	2	0	13	14	7
28	4	2	5	3	6	5	5	6	8	4	5	9	7	7	6	6	7	5	5	5	2	2	4	5	5
29	5	5	3	4	2	5	4	7	6	2	2	3	3	2	3	5	3	4	3	4	3	4	3	7	4
30	8	5	6	4	5	5	10	15	15	13	11	6	4	3	3	3	3	3	4	4	6	5	6	4	6
31	3	4	4	5	4	5	7	6	7	5	7	0	4	-	-	6	6	6	6	6	8	-	6	7	5
MEAN	6	6	6	5	5	6	6	8	9	8	6	5	4	4	4	5	5	5	5	5	5	5	6	6	5.6

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - APR 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	9	11	13	7	5	4	3	3	1	0	0	0	0	0	0	2	0	1	1	0	3
2	0	0	0	0	0	0	0	0	0	2	1	0	0	1	2	1	0	1	2	0	1	1	1	2	1
3	0	1	2	2	2	2	2	3	5	5	5	3	4	3	6	5	8	5	8	4	4	4	7	4	4
4	5	4	4	7	7	8	5	9	8	12	8	10	13	9	10	8	8	7	4	5	4	4	4	0	7
5	2	0	1	1	2	2	8	10	5	6	5	3	2	5	4	6	3	3	5	3	3	3	4	1	4
6	6	6	7	2	2	2	4	4	4	10	6	3	6	5	5	8	8	9	8	7	10	15	15	6	7
7	3	2	3	4	4	8	11	9	4	4	3	5	3	1	3	1	3	1	2	2	2	3	3	1	2
8	1	3	0	0	2	0	2	2	2	6	4	4	3	2	0	0	0	0	0	3	2	2	0	0	2
9	4	4	3	2	0	0	0	0	0	0	2	2	2	3	2	2	2	2	2	2	3	2	0	0	2
10	0	2	0	0	3	5	3	5	9	7	11	7	7	5	6	6	7	6	16	15	13	8	4	5	6
11	4	4	4	4	0	2	2	3	0	0	4	5	5	3	2	5	3	6	4	4	4	5	5	3	3
12	5	3	1	1	6	5	5	6	3	5	3	2	2	2	2	3	2	1	2	2	4	3	4	6	2
13	2	3	1	2	1	0	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	1	0	2	4
14	9	10	10	9	6	8	7	5	3	0	2	2	2	0	0	0	1	2	0	2	0	3	2	3	2
15	6	8	8	2	2	4	5	3	2	0	0	1	0	0	0	0	1	2	0	2	0	3	2	3	2
16	2	3	4	5	4	15	8	10	4	5	4	6	4	6	4	2	8	2	2	2	3	6	3	2	5
17	3	4	4	3	4	7	6	5	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
18	7	11	4	2	2	4	4	2	5	8	5	7	3	7	12	3	1	5	0	4	5	6	7	5	5
19	7	6	6	6	4	4	8	9	11	10	13	8	5	0	5	6	5	7	7	11	7	4	4	4	7
20	2	3	4	3	4	3	5	6	7	4	5	4	4	6	4	4	5	5	4	3	3	4	3	3	4
21	2	0	2	2	2	2	3	4	7	6	4	4	4	2	4	3	3	3	2	3	2	2	3	4	3
22	5	7	5	8	4	3	5	5	7	6	6	3	3	3	3	3	3	3	4	2	2	3	3	3	4
23	2	3	4	4	5	3	6	4	3	3	21	6	2	5	7	4	3	2	8	3	3	2	3	5	6
24	1	3	4	5	4	3	4	5	9	14	16	15	10	8	6	5	6	5	4	6	8	5	3	5	6
25	3	4	3	3	3	4	10	9	4	5	4	4	4	2	2	3	4	2	1	2	1	1	2	4	3
26	3	3	3	4	1	4	3	4	2	2	2	2	2	4	0	2	2	2	2	2	0	0	0	4	2
27	1	0	3	4	2	2	5	7	7	7	7	0	2	4	2	2	2	2	2	2	3	6	9	4	5
28	4	5	5	11	8	4	6	5	5	6	4	3	2	0	3	2	2	2	2	2	0	0	0	0	4
29	7	6	7	7	8	8	8	9	10	4	4	3	2	2	2	2	2	2	2	0	3	0	0	0	1
30	0	0	0	0	0	0	1	2	3	0	2	2	0	0	0	0	0	0	0	1	3	0	0	0	1
MEAN	3	4	4	4	3	4	5	5	5	5	5	5	4	3	3	4	4	3	4	4	3	4	3	4	3.9

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - MAY 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	3	6	4	2	4	3	1	3	0	2	3	2	0	2	4	2	2	6	5	2
2	6	8	4	3	4	5	5	6	4	4	3	2	2	4	1	3	2	0	3	3	4	3	3	4	4
3	5	8	15	16	20	23	26	***	15	10	14	7	4	4	4	3	0	3	1	2	3	3	3	3	8
4	2	2	2	2	2	4	7	5	3	3	4	3	3	2	3	3	3	4	3	3	2	3	3	3	3
5	3	3	3	2	3	4	3	5	5	***	3	6	6	6	8	8	7	8	7	7	6	4	4	5	4
6	5	4	3	3	4	2	4	4	6	3	4	3	2	0	0	4	0	0	0	3	4	2	3	2	3
7	3	5	4	7	6	6	8	7	3	3	4	3	0	4	2	3	2	0	5	3	4	6	4	4	4
8	3	2	3	4	3	5	8	7	5	5	3	4	5	4	2	3	2	0	5	3	4	6	4	4	4
9	4	5	6	5	4	8	5	2	3	2	2	4	3	3	2	2	2	0	0	3	3	2	3	3	3
10	0	1	2	1	3	3	4	4	2	2	3	2	2	0	2	2	2	2	2	0	3	3	3	2	2
11	4	5	5	6	8	8	7	7	7	7	4	4	4	6	5	6	4	7	6	6	6	7	4	5	6
12	5	5	5	3	3	3	5	5	5	4	0	0	3	3	0	4	4	4	3	4	3	3	3	2	2
13	3	3	3	3	3	3	5	3	2	2	2	2	2	0	0	3	0	3	2	2	3	2	2	2	3
14	3	3	3	3	3	4	3	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3
15	0	2	7	1	3	2	4	5	7	5	7	5	4	3	5	5	6	4	3	3	2	2	2	2	3
16	2	3	2	2	2	3	5	4	2	4	2	5	3	5	***	***	4	0	2	2	0	5	8	9	5
17	4	5	***	3	3	5	***	7	8	***	5	3	***	5	4	4	***	7	8	6	***	6	5	8	10
18	8	8	10	8	10	10	***	12	15	12	12	13	14	10	11	10	7	4	4	4	7	3	12	10	7
19	13	11	9	10	9	9	9	9	6	9	7	5	0	5	4	7	4	4	4	4	3	3	3	3	3
20	8	15	14	14	8	9	7	7	9	***	7	5	6	4	12	2	7	3	2	4	3	5	4	0	7
21	1	0	0	0	0	3	0	0	0	0	0	***	0	0	0	1	0	0	2	2	2	2	2	1	1
22	***	2	2	5	6	8	5	5	6	6	0	3	2	3	0	***	0	2	4	6	0	0	1	3	3
23	2	2	3	3	3	9	9	3	***	8	10	7	***	6	4	3	4	4	3	6	4	6	7	3	5
24	5	6	5	5	5	7	11	12	9	9	4	5	6	3	3	4	3	5	5	3	7	7	2	6	6
25	10	13	11	14	11	23	31	39	31	20	9	8	7	7	10	3	7	6	11	5	8	8	9	8	13
26	7	12	9	7	17	19	30	27	19	9	9	8	7	4	6	6	7	5	0	4	9	10	9	9	7
27	9	***	***	***	***	10	12	18	14	5	5	5	5	5	5	5	2	4	5	5	5	4	***	5	5
28	7	7	9	8	11	11	***	9	8	7	7	7	4	4	3	2	3	0	2	5	5	4	4	***	6
29	3	0	***	5	6	7	9	8	5	9	7	5	4	4	15	4	4	4	3	***	3	3	3	3	5
30	4	5	5	4	6	7	7	11	7	7	7	6	4	2	4	***	10	7	3	4	2	2	2	4	5
31	4	***	9	7	9	12	8	8	12	5	2	***	***	4	6	3	5	3	3	4	3	7	8	6	6
MEAN	4	5	6	5	6	7	9	8	8	6	5	5	4	4	4	4	4	3	3	4	4	4	5	5	5.0

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR																MONTH - JUN 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	****	6	****	5	4	2	5	8	7	5	6	6	9	10	7	9	6	4	9	0	10	4	4	6	
2	6	11	11	5	6	2	8	6	5	****	6	1	2	****	4	2	2	5	0	4	5	7	7	0	5	
3	0	0	0	3	0	3	4	3	6	4	3	2	2	2	0	3	3	3	1	3	****	5	3	5	3	
4	3	9	7	8	12	9	10	10	8	7	3	4	0	4	2	3	2	2	2	1	5	4	5	2	5	
5	3	8	0	2	0	3	3	5	4	4	4	5	****	5	3	5	3	2	****	2	3	2	0	3	3	
6	2	2	4	8	5	6	4	****	****	****	5	7	****	9	-	-	3	2	2	3	3	4	3	3	4	
7	4	6	4	7	7	****	9	7	9	****	6	9	5	0	0	3	3	3	2	2	3	3	2	3	4	
8	4	2	0	3	3	2	3	****	1	7	4	4	4	4	4	3	3	3	2	2	2	2	3	****	3	
9	****	6	8	5	5	9	7	11	7	9	2	3	****	****	4	4	0	0	1	2	5	5	3	4	5	
10	4	4	7	6	9	7	8	5	4	****	6	6	5	4	5	4	3	3	2	2	****	6	3	0	5	
11	3	****	0	3	4	3	7	9	6	4	5	4	3	3	3	2	3	3	3	3	3	4	3	2	4	
12	4	3	5	3	2	5	5	4	8	5	0	-	****	4	6	8	4	3	2	0	0	0	0	0	3	
13	0	2	4	0	3	4	4	3	0	0	0	3	2	3	3	2	2	2	2	2	6	3	3	3	2	
14	3	2	6	8	9	7	6	3	5	4	2	2	0	0	****	2	2	2	1	2	1	2	3	4	3	
15	3	3	5	4	5	6	4	6	9	4	****	5	****	3	5	3	0	3	3	5	5	****	4	5	4	
16	8	4	5	6	5	8	8	7	****	6	5	8	7	8	5	****	5	5	5	9	7	7	4	9	6	
17	9	6	8	5	9	8	6	6	6	4	7	6	4	6	4	3	5	4	4	3	6	3	1	3	5	
18	2	1	4	4	3	4	5	6	7	8	3	0	0	2	2	0	0	0	0	2	7	5	6	6	3	
19	0	2	2	0	0	3	5	1	2	1	3	2	0	2	2	3	3	5	4	3	3	8	5	6	3	
20	5	7	7	6	7	8	8	9	3	****	0	0	2	****	****	****	3	3	3	2	2	6	6	7	6	5
21	2	4	11	9	5	8	2	7	8	5	7	7	0	0	3	3	2	3	2	2	****	4	5	0	4	
22	3	6	2	5	3	****	9	13	2	3	3	3	2	2	****	0	2	2	****	1	4	6	13	7	4	
23	4	8	4	4	3	3	4	2	3	6	8	4	4	6	5	4	5	3	0	3	5	3	2	3	4	
24	4	5	3	2	5	4	5	5	2	3	8	4	4	3	2	4	4	5	0	2	1	3	****	2	3	
25	****	0	4	2	6	5	5	5	8	6	7	3	4	4	4	5	7	4	6	4	3	3	4	3	4	
26	0	2	2	2	5	6	7	0	0	2	2	7	3	4	5	7	0	2	2	3	5	6	12	8	4	
27	****	8	5	4	5	4	7	7	7	6	5	1	6	4	7	4	4	5	2	2	1	4	6	4	5	
28	7	4	6	6	7	8	17	10	9	****	7	6	7	2	3	6	5	3	3	2	7	****	9	5	6	
29	3	2	2	5	6	14	10	9	6	8	5	5	3	3	3	0	3	2	4	****	6	7	8	5	5	
30	9	5	4	****	4	7	7	4	6	****	****	****	6	2	3	****	6	3	1	2	5	3	4	2	4	
MEAN	4	4	5	4	5	6	6	6	5	5	4	4	3	4	4	3	3	3	2	3	4	4	5	4	4.2	

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 6.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - JUL 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	3	1	23	8	6	3	5	3	3	2	2	2	1	5	0	4	3	2	3	3	3	4
2	2	1	2	3	2	2	2	1	2	3	3	0	0	2	0	3	0	4	3	2	2	0	0	2	2
3	0	0	2	0	2	2	0	2	3	6	0	0	4	5	4	7	3	1	3	5	4	3	4	3	3
4	5	2	2	5	3	2	3	6	2	5	1	***	5	3	3	***	***	5	4	3	1	6	5	4	4
5	6	3	7	8	8	7	9	7	5	2	3	3	2	0	4	3	0	3	0	2	3	7	4	3	4
6	4	8	7	9	7	3	3	6	4	7	***	3	3	3	4	3	***	3	2	0	3	***	5	6	4
7	6	6	6	7	9	5	5	6	8	6	2	5	5	5	***	3	3	3	5	2	2	4	5	5	5
8	5	3	4	4	10	9	1	3	0	0	2	1	3	3	4	2	2	0	0	0	0	3	0	3	3
9	0	3	4	5	4	8	2	3	7	***	0	***	3	2	2	3	1	4	0	4	5	3	4	6	3
10	2	1	4	0	0	3	***	3	2	***	2	2	0	2	2	3	2	2	0	3	2	2	1	2	2
11	2	4	5	5	4	6	4	3	0	2	0	2	0	1	0	3	1	3	1	***	2	2	4	5	3
12	5	5	8	4	***	6	***	6	0	0	0	2	3	2	3	3	5	3	4	3	3	4	5	6	4
13	5	5	4	4	4	6	7	5	6	4	5	3	5	6	5	3	5	***	7	6	5	5	8	6	5
14	7	9	6	6	4	4	4	5	1	5	3	1	3	***	2	3	5	3	5	5	6	8	6	5	5
15	6	***	6	***	7	9	9	12	9	4	2	3	5	2	4	***	***	6	4	9	***	4	0	1	5
16	2	1	2	2	2	3	0	1	2	0	0	2	1	1	1	2	0	0	0	0	2	2	3	1	1
17	3	4	4	7	9	10	8	8	3	3	0	***	1	2	3	3	3	3	3	3	4	5	3	5	4
18	3	8	5	7	6	9	11	3	5	4	4	6	5	5	3	3	3	4	3	3	4	***	5	4	5
19	7	7	6	8	7	9	12	5	7	6	5	6	5	5	4	4	2	3	***	***	5	4	6	4	6
20	7	8	12	11	16	7	11	11	10	13	11	***	6	6	7	5	4	0	3	0	3	4	***	6	7
21	***	8	5	1	3	5	4	4	2	3	6	5	10	7	7	***	6	9	6	7	5	4	9	5	6
22	***	6	5	7	4	2	6	2	6	8	6	5	3	5	4	5	3	3	5	9	***	3	4	4	5
23	4	6	4	2	3	0	6	0	3	4	0	0	2	3	0	***	0	0	0	0	0	4	0	4	2
24	2	1	2	2	2	3	2	***	***	4	0	0	2	0	2	3	1	0	3	2	4	2	2	8	2
25	2	5	4	4	3	3	4	4	3	6	6	4	3	2	3	2	2	2	2	3	3	2	3	6	3
26	6	7	5	8	5	***	5	4	5	5	***	0	4	***	3	5	3	5	3	5	3	9	7	***	5
27	***	***	***	***	***	***	***	***	7	4	8	7	5	2	2	3	2	2	2	1	2	2	3	2	3
28	2	1	0	1	0	2	4	4	4	***	***	2	3	2	***	3	5	6	5	4	4	5	6	5	3
29	4	2	2	7	0	3	6	6	8	6	7	5	4	5	3	2	2	2	0	0	0	0	0	0	3
30	***	0	0	0	0	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0	1	0	0	1	0
31	0	1	1	2	3	4	8	4	6	4	3	4	2	4	5	5	4	***	3	4	5	7	6	8	4
MEAN	4	4	4	5	4	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3.7

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - AUG 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	6	15	17	***	11	10	9	13	12	8	6	4	13	4	4	3	***	2	3	7	7	5	8
2	***	7	6	7	8	8	6	3	4	5	4	4	4	4	5	4	3	4	4	3	9	4	8	4	5
3	4	***	5	5	4	5	0	11	3	4	5	5	5	4	2	2	2	2	2	1	2	3	3	2	4
4	3	***	2	3	4	6	0	3	4	2	3	2	3	0	2	2	4	2	4	***	4	7	3	4	3
5	7	9	13	7	8	11	7	7	12	5	3	3	3	2	1	0	0	***	0	***	0	3	3	6	5
6	6	***	7	13	7	***	6	4	4	6	5	3	4	3	3	3	3	5	4	4	4	5	5	5	6
7	4	5	6	8	9	9	10	12	5	4	5	7	7	7	7	6	6	5	4	5	***	5	6	5	7
8	7	7	7	6	6	8	11	20	***	15	13	5	4	4	3	3	4	3	4	4	5	6	5	6	6
9	7	7	11	6	7	8	11	9	8	6	6	6	5	4	4	4	3	3	***	3	2	4	3	2	6
10	3	2	2	1	2	2	4	5	3	3	3	2	2	3	4	3	3	4	***	3	4	5	7	6	3
11	5	5	3	2	4	6	9	5	7	5	***	***	***	3	1	2	3	3	2	2	3	3	3	5	4
12	3	3	4	***	6	6	7	7	3	2	2	4	3	***	2	2	1	5	3	3	3	3	5	7	4
13	6	8	***	7	***	***	13	11	11	11	7	7	5	3	3	2	0	2	5	2	4	5	5	5	6
14	7	5	***	9	13	18	19	19	21	10	5	4	3	4	4	4	4	3	3	4	3	3	4	4	4
15	3	4	5	6	5	6	7	7	7	6	6	5	5	4	2	3	3	3	3	3	3	3	4	4	4
16	4	4	3	3	4	1	6	3	3	5	3	4	4	3	2	3	3	3	5	4	5	5	***	***	4
17	6	4	3	7	6	7	11	9	9	4	3	3	3	2	3	2	2	2	2	4	3	5	7	8	5
18	9	10	8	9	11	11	9	0	6	6	5	6	5	8	4	4	3	3	4	5	3	4	2	***	3
19	5	4	3	***	3	4	4	3	3	3	4	7	4	6	4	3	-	-	-	0	1	1	2	***	1
20	2	0	1	3	2	1	4	3	2	2	1	1	0	0	0	0	0	0	0	2	2	2	0	2	3
21	2	2	6	***	***	***	15	6	3	3	3	2	1	2	2	2	2	2	2	2	0	5	5	3	3
22	6	4	5	7	7	9	9	14	13	4	4	5	5	4	6	7	6	3	5	4	6	6	8	7	6
23	9	9	12	***	12	12	9	9	***	10	7	5	3	4	6	5	6	5	5	6	5	7	6	6	7
24	17	22	18	18	13	14	13	13	10	9	9	12	8	3	3	3	2	3	4	4	4	6	5	4	9
25	0	0	0	0	2	0	0	3	3	3	5	4	4	4	4	3	3	3	4	3	2	***	2	3	2
26	3	2	1	2	2	0	2	3	3	8	6	3	2	4	8	3	3	3	2	2	3	2	3	3	2
27	4	3	3	1	1	2	2	3	3	5	5	4	6	2	6	3	3	4	4	3	4	2	2	0	2
28	0	2	2	2	4	2	1	5	4	5	4	6	4	10	2	2	1	1	1	2	3	7	8	6	5
29	4	3	8	6	8	9	8	10	8	5	3	3	3	3	2	2	1	1	1	2	3	7	8	6	5
30	5	5	5	5	***	9	11	12	9	16	7	5	3	6	5	-	-	-	***	3	***	8	12	12	8
31	17	15	5	3	3	3	1	3	5	2	3	3	2	3	3	2	2	3	3	2	3	3	3	4	4
MEAN	6	6	6	6	6	7	7	8	6	6	5	5	4	4	4	4	3	3	3	3	3	4	5	5	4.9

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - SEP 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	5	7	8	15	14	16	13	12	9	7	***	6	6	4	2	1	3	4	3	4	4	4	7
2	5	5	4	9	10	12	12	9	12	8	7	5	4	3	3	3	3	2	2	0	4	4	6	7	6
3	9	8	5	4	5	4	4	5	4	5	4	3	3	2	0	2	0	2	0	0	0	0	0	0	3
4	0	2	1	1	1	3	2	2	2	1	2	1	2	1	2	1	7	6	4	3	3	3	5	6	3
5	6	9	5	5	5	6	14	16	12	10	9	9	6	5	3	3	4	4	4	5	7	12	11	8	8
6	12	13	13	11	14	15	17	15	12	14	11	6	***	5	3	3	3	4	4	5	5	5	5	6	4
7	10	10	9	8	8	8	10	12	11	12	9	8	6	5	8	8	8	7	6	5	5	5	3	3	6
8	3	5	6	6	5	6	8	17	16	***	11	10	9	4	3	3	3	3	4	5	4	5	3	3	6
9	2	3	2	2	1	2	2	2	2	2	3	1	3	0	0	0	2	0	0	0	0	2	0	2	1
10	2	1	1	2	2	2	2	7	13	14	10	14	11	5	3	4	3	4	5	7	7	6	5	6	6
11	5	9	6	12	11	9	10	12	11	10	7	7	6	5	5	3	10	9	7	8	9	7	8	8	8
12	10	9	5	4	3	3	3	***	***	5	4	2	2	2	2	2	2	1	2	2	2	2	3	2	3
13	0	0	0	3	0	1	0	0	3	3	2	2	2	2	2	3	2	2	***	3	2	2	4	5	2
14	6	6	7	7	6	6	6	5	5	6	6	4	-	3	3	2	2	10	-	-	-	6	3	2	5
15	4	9	8	5	5	7	9	***	***	5	4	5	3	3	5	5	5	3	4	3	5	5	6	8	5
16	4	10	8	3	3	5	7	4	3	4	4	2	3	5	0	2	2	3	2	2	2	3	1	0	3
17	0	2	2	1	2	2	4	4	6	5	2	4	2	1	1	2	2	2	3	2	2	3	4	5	4
18	3	0	2	2	2	3	4	4	6	6	6	5	5	4	4	5	5	5	5	4	6	5	3	4	4
19	3	2	2	1	0	3	2	3	4	4	7	7	6	8	***	3	5	5	6	7	3	3	3	3	4
20	3	0	2	3	3	4	7	6	9	12	15	11	5	5	3	3	3	6	12	11	8	6	6	10	6
21	14	14	8	15	8	8	13	8	***	8	7	3	3	3	3	3	4	2	4	4	2	4	3	2	6
22	1	0	1	1	3	3	2	2	6	3	4	3	3	0	0	5	0	2	0	2	4	5	3	2	3
23	4	3	3	3	3	3	6	10	7	2	0	2	3	2	0	2	0	2	1	2	2	2	2	5	3
24	0	7	7	6	7	10	9	8	13	13	6	4	***	***	2	0	2	1	2	6	7	4	4	3	6
25	3	2	1	4	2	2	1	6	3	5	2	1	0	0	1	2	2	0	1	***	1	3	3	4	2
26	3	3	2	2	2	5	9	13	6	5	3	4	2	7	4	5	4	4	5	6	8	5	4	5	5
27	3	***	7	7	9	7	8	6	9	10	12	7	6	4	5	5	4	3	0	0	2	2	4	3	4
28	3	3	2	2	2	3	6	5	9	6	3	3	3	3	2	2	1	0	2	4	9	8	6	7	4
29	4	3	3	2	3	4	5	0	***	3	2	0	2	5	2	2	3	3	6	7	6	7	5	7	7
30	***	8	10	6	6	8	7	4	6	6	7	6	6	4	3	6	10	15	4	8	4	5	7	5	7
MEAN	4	5	5	5	5	6	7	7	8	7	6	5	4	3	3	3	3	4	4	4	4	5	4	4	4.8

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - OCT 78										
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		5	5	4	3	3	3	3	2	3	0	0	2	0	0	1	2	0	1	5	3	3	3	3	3	2
2		5	5	16	13	12	12	18	27	13	6	4	4	3	3	4	3	2	2	0	6	5	4	4	4	7
3		4	3	4	6	3	5	7	6	5	7	4	5	7	8	5	11	11	10	5	8	9	5	8	6	6
4		9	8	7	5	10	10	10	***	***	9	7	3	3	***	3	3	5	4	4	9	10	8	11	7	7
5		7	8	7	5	4	4	6	7	4	6	2	1	2	***	3	7	4	4	4	6	5	4	7	3	5
6		3	5	2	3	2	3	5	0	***	4	4	0	4	2	2	4	3	2	1	0	0	0	0	0	2
7		1	0	2	3	2	2	2	3	4	3	4	2	1	0	0	0	2	2	1	1	***	1	0	0	2
8		0	0	3	1	1	0	2	3	5	4	1	0	1	0	0	0	0	0	1	4	6	13	15	18	3
9		14	16	15	16	21	21	18	15	***	***	6	5	3	2	4	4	3	3	4	5	10	14	15	8	10
10		7	6	7	9	7	8	10	13	11	9	10	10	7	5	4	3	***	***	6	4	4	4	8	9	7
11		12	11	13	12	11	8	11	10	9	7	8	6	3	5	5	6	4	6	4	3	3	4	4	4	7
12		6	5	5	6	5	8	8	7	12	7	6	7	5	4	3	3	3	3	4	8	5	10	11	11	6
13		8	7	6	9	9	7	8	13	13	11	5	5	3	3	3	4	3	2	1	2	2	1	0	0	5
14		0	0	0	0	1	2	3	8	***	5	3	1	2	4	2	1	0	0	0	3	2	2	3	4	2
15		3	2	1	0	2	***	***	3	3	2	***	1	2	3	3	2	2	3	6	2	3	2	3	1	2
16		0	0	0	0	1	***	2	0	2	2	3	3	***	3	3	3	3	2	1	3	2	3	4	4	2
17		6	5	7	8	9	***	12	21	20	10	5	3	2	1	2	0	4	5	6	7	9	9	5	7	7
18		7	7	6	5	6	5	6	4	5	7	9	***	8	6	5	7	7	9	9	9	10	10	9	7	7
19		8	9	7	9	9	11	13	15	18	17	13	9	6	5	4	4	6	5	5	5	6	6	6	5	8
20		4	6	7	8	10	13	15	17	17	14	10	7	4	6	5	14	10	5	6	7	6	7	7	8	9
21		10	8	10	10	11	9	9	8	9	12	6	7	6	9	5	3	3	5	5	5	5	8	7	6	7
22		6	7	4	7	5	5	7	5	6	7	8	7	6	6	5	1	11	6	5	5	12	11	5	4	6
23		4	2	5	2	1	2	0	2	4	4	4	3	4	3	3	3	3	2	1	2	4	3	3	3	3
24		3	8	14	12	14	19	28	31	20	***	0	5	3	4	0	2	3	3	5	4	5	6	5	5	9
25		6	7	5	6	6	5	6	6	7	9	7	3	4	4	7	8	6	8	9	8	7	7	7	***	6
26		6	7	9	6	3	5	7	6	5	2	8	3	7	2	7	5	4	4	3	5	3	3	6	6	5
27		5	9	14	11	16	10	12	10	11	9	7	4	4	5	5	5	6	7	10	15	6	12	10	9	9
28		6	6	6	6	9	7	6	6	7	5	4	3	0	1	2	0	0	0	2	3	5	5	4	4	4
29		4	4	4	4	3	2	3	4	8	***	4	2	2	2	3	0	0	2	3	5	4	3	2	3	3
30		3	3	1	3	5	7	0	9	11	3	4	3	4	2	0	5	4	11	10	***	***	13	11	10	6
31		9	9	5	12	9	27	27	23	33	22	13	5	6	6	3	3	3	5	3	2	3	4	3	3	10
MEAN		6	6	6	6	7	8	9	9	10	7	6	4	4	3	3	4	4	4	4	5	5	6	6	5	5.7

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - NOV 78										
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		3	3	2	2	3	4	12	18	21	12	7	7	6	9	9	9	5	8	8	8	10	9	10	9	8
2		14	13	16	16	9	9	16	17	27	15	17	17	13	8	6	5	6	9	11	15	18	20	21	28	14
3		21	16	18	24	19	21	24	36	37	27	13	***	10	12	9	11	11	12	20	15	16	15	15	16	18
4		17	18	23	20	14	15	16	16	18	17	15	12	11	10	9	8	8	10	11	13	13	12	13	17	14
5		15	14	13	14	13	11	8	9	9	7	9	9	8	6	5	4	4	4	4	5	7	6	6	8	8
6		7	13	11	11	11	6	3	2	2	2	5	3	4	4	5	5	5	8	5	3	3	2	2	3	5
7		5	6	4	3	2	1	3	5	10	9	7	2	2	2	2	4	3	4	6	5	6	4	5	6	9
8		11	13	7	6	8	11	16	29	23	15	8	6	5	5	4	3	4	6	5	6	4	5	6	6	9
9		4	5	11	7	5	5	7	7	6	8	11	5	7	6	2	***	***	***	7	12	9	9	9	12	7
10		15	12	10	9	9	***	9	11	10	6	***	***	8	3	7	6	7	-	-	***	10	-	***	14	9
11		12	9	-	-	-	-	-	-	14	***	***	3	***	***	***	***	***	***	9	5	4	0	2	2	***
12		0	3	0	0	0	0	3	2	1	1	2	2	2	4	11	2	3	2	4	3	2	2	2	3	2
13		2	3	2	***	1	-	4	***	7	7	-	-	-	8	8	***	8	6	***	-	6	8	9	***	***
14		6	4	6	4	6	5	2	4	2	3	4	6	4	0	3	3	2	2	2	2	2	2	2	2	3
15		2	***	***	***	***	2	***	2	4	4	***	***	7	13	8	***	7	5	5	6	8	13	14	12	7
16		12	13	11	8	12	14	16	15	19	11	3	3	2	3	2	2	5	4	3	2	2	3	3	3	7
17		3	3	3	3	3	3	5	5	7	4	6	3	3	2	0	2	5	4	6	3	4	5	5	5	4
18		6	5	3	5	4	8	10	3	2	3	3	4	3	5	5	5	6	5	4	4	6	5	3	6	5
19		8	10	10	13	6	7	***	3	4	6	***	4	3	2	0	0	0	1	4	4	***	6	6	6	5
20		7	4	5	7	4	2	6	5	10	7	0	3	2	3	***	4	6	2	2	1	3	2	3	4	4
21		4	3	3	3	3	2	3	4	4	0	2	2	3	4	0	3	4	5	4	3	3	7	9	9	4
22		9	10	7	6	8	10	11	12	14	15	20	11	14	17	19	19	12	8	6	5	5	4	5	11	11
23		6	5	6	8	8	9	13	22	12	12	***	***	5	***	5	7	9	6	5	4	3	3	3	8	8
24		3	2	2	2	2	2	3	3	3	3	***	3	6	5	4	4	4	3	3	3	6	3	4	3	3
25		2	4	4	2	2	3	4	4	5	5	5	0	3	2	1	5	4	5	3	0	3	3	4	4	3
26		4	2	3	1	0	0	0	0	0	1	1	0	1	0	0	0	2	1	1	2	1	0	2	1	1
27		0	2	2	1	2	1	2	2	3	2	3	4	4	5	4	5	3	5	8	7	7	8	8	5	4
28		5	5	5	5	5	7	9	11	***	***	4	4	5	4	5	3	5	5	5	5	5	5	5	5	5
29		4	7	5	6	15	9	***	4	9	5	6	6	3	2	4	4	6	6	6	6	5	9	8	6	6
30		5	8	6	3	2	3	2	3	6	3	5	4	4	2	2	3	5	3	7	***	13	9	11	16	5
MEAN		7	7	7	7	6	6	8	9	10	8	7	5	5	5	5	5	6	5	6	5	6	6	7	8	6

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - DEC 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	14	10	9	12	11	5	9	9	***	7	6	5	6	6	8	11	7	4	6	***	6	5	4	8
2	2	2	2	1	2	1	3	3	3	4	4	5	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	2	3	2	0	***	***	***	3	4	8	7	7	8	***	7	5	4	5	2	***	2	2	4
4	3	4	4	7	5	4	7	5	3	5	***	***	3	4	3	3	5	2	***	4	3	2	2	7	4
5	3	10	3	5	3	4	7	4	7	6	9	***	3	4	6	7	8	7	18	10	9	8	9	11	7
6	11	***	14	7	***	***	8	***	***	***	11	8	18	8	4	3	4	5	4	3	5	4	4	2	7
7	4	5	3	3	3	3	4	5	5	4	4	4	6	***	***	***	11	13	16	***	15	***	13	13	7
8	12	9	7	4	3	2	3	***	6	0	***	***	5	3	6	5	6	7	***	8	***	***	***	***	5
9	***	***	***	***	***	***	0	***	***	10	3	0	3	***	3	***	***	2	***	5	2	2	1	2	***
10	2	2	3	3	***	***	***	***	***	5	6	3	3	3	3	3	2	***	8	***	***	5	6	12	4
11	8	8	12	12	4	4	***	***	***	***	4	2	6	***	***	7	8	7	6	6	5	10	11	8	7
12	4	4	4	8	***	3	8	5	10	5	7	6	4	5	3	5	5	***	5	4	4	5	4	4	5
13	3	3	3	4	4	7	9	9	9	6	3	3	***	4	4	3	9	0	2	2	2	2	***	2	4
14	2	***	2	2	2	0	2	5	***	10	8	5	0	2	3	1	1	0	-	-	-	-	-	-	3
15	-	-	-	-	-	-	-	-	-	7	***	***	7	5	5	3	5	5	4	9	9	10	8	6	***
16	7	10	9	9	5	6	6	7	8	9	8	8	7	3	5	5	6	7	7	8	4	2	2	2	6
17	1	1	0	0	1	0	0	0	2	3	3	2	4	1	0	0	0	2	3	3	3	4	7	5	2
18	6	4	4	4	4	***	12	8	11	10	2	8	5	3	3	3	4	6	4	2	2	3	1	0	5
19	2	0	0	2	0	0	2	2	3	6	7	5	4	3	3	3	3	3	3	3	3	3	3	2	3
20	2	2	2	1	3	2	4	4	6	6	***	***	11	9	9	12	15	15	16	18	7	6	5	4	7
21	3	3	3	0	***	***	2	3	4	***	3	3	3	3	4	4	4	4	4	5	***	8	***	11	4
22	5	9	6	3	***	5	4	***	10	***	***	7	6	5	5	***	***	***	***	***	***	***	***	***	***
23	2	6	5	5	5	5	8	3	7	6	9	***	***	8	4	4	3	3	5	4	5	4	4	6	5
24	6	5	5	5	6	6	7	6	8	***	5	5	6	3	4	5	4	6	6	6	7	9	11	8	6
25	4	4	3	***	0	0	0	0	0	2	***	0	2	0	***	5	0	5	6	4	7	9	6	5	3
26	***	11	***	4	3	***	5	9	9	7	5	5	2	2	3	3	3	2	2	3	3	2	2	2	4
27	2	3	2	6	5	10	0	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	3	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	3	3	2	2	2	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	9	10	9	8	8	6	5	5	5	5	6	6	6	7	8	9	10	10	10	9	9	6	6	6	7
31	6	6	5	7	11	8	7	5	7	6	7	6	6	6	6	5	5	6	6	9	9	9	9	-	7
MEAN	5	5	5	5	4	4	5	4	6	6	6	5	6	4	4	5	5	6	6	5	5	6	5	5	5.1

PERCENTAGE OF DATA VALID - 78.6

PERCENTAGE OF DATA INVALID - 18.7

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.0	12	22
FEB	26	6.2	10	26
MAR	31	5.6	13	26
APR	29	3.9	7	21
MAY	31	5.0	13	39
JUN	30	4.2	6	17
JUL	31	3.7	7	23
AUG	31	4.9	9	22
SEP	30	4.8	9	17
OCT	31	5.7	10	33
NOV	28	6.6	18	37
DEC	25	5.1	8	18
YEAR	354	5.1	18	39

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	291	334	80	10	3	0	0	718
FEB	247	315	65	12	2	0	0	641
MAR	360	281	71	14	5	0	0	731
APR	457	199	19	2	1	0	0	678
MAY	405	252	33	8	5	3	0	706
JUN	399	260	9	1	0	0	0	669
JUL	460	221	9	1	1	0	0	692
AUG	407	242	40	10	2	0	0	701
SEP	387	261	47	5	0	0	0	700
OCT	335	303	57	14	9	2	0	720
NOV	287	251	76	32	13	2	0	661
DEC	288	262	30	5	0	0	0	585
YEAR	4323	3181	536	114	41	7	0	8202

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	ARITH MEAN
93.6	0	0.9	2.4	3.8	5.7	9.4	11.9	15.0	17.6	39	5.1

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	3	2	2	3	2	2	2	2	2
2	2	2	2	3	2	6	6	7	2	1	2	2	2	2	3	2	7	3	2	2	3	3	3	3	3
3	4	5	6	8	11	9	7	8	6	9	7	7	4	2	3	2	2	4	3	5	6	3	3	2	5
4	3	3	3	3	3	****	0	4	6	7	6	4	6	4	5	6	5	6	6	5	6	8	6	6	5
5	5	9	5	5	5	5	5	7	9	7	8	5	7	6	6	9	8	9	9	7	6	-	-	5	7
6	8	11	10	7	7	6	6	7	5	12	3	6	8	7	8	8	6	6	6	6	5	5	5	4	7
7	4	4	3	3	3	4	4	4	5	5	6	6	9	9	9	9	10	10	10	8	9	8	8	8	7
8	9	9	8	9	9	8	12	9	8	7	6	6	6	5	5	4	3	2	1	1	2	2	4	3	6
9	3	3	0	0	0	0	2	4	4	2	1	1	1	2	2	3	3	5	3	1	0	0	0	0	2
10	1	1	1	2	2	5	5	3	3	****	5	2	2	2	2	2	2	3	3	3	3	2	3	2	3
11	5	6	5	5	4	4	6	8	6	9	9	10	5	6	7	7	8	7	10	9	17	10	11	11	8
12	12	10	9	11	7	13	5	10	9	9	9	11	12	12	-	5	5	3	4	8	5	4	4	4	8
13	4	3	2	3	3	4	5	5	7	****	7	7	6	6	6	6	6	6	4	3	3	2	3	2	5
14	2	2	2	2	1	1	0	0	1	2	0	2	2	2	2	0	1	2	0	2	1	2	2	2	1
15	3	6	3	2	3	2	2	2	2	3	4	4	3	2	2	3	4	3	3	6	5	6	6	4	3
16	3	2	3	7	12	9	4	4	5	6	8	7	9	4	4	6	5	5	7	7	7	7	7	21	7
17	****	10	7	6	7	4	6	7	6	4	4	4	4	5	4	3	3	4	3	3	3	3	2	2	5
18	3	2	2	2	2	2	3	5	8	6	5	2	3	3	4	3	3	3	3	2	4	3	3	5	3
19	4	4	5	5	5	4	4	7	6	7	7	5	4	4	2	3	3	3	2	2	1	1	1	2	4
20	2	2	1	1	1	1	3	3	3	3	2	3	4	8	2	3	3	3	2	2	3	3	3	4	3
21	4	4	3	4	2	2	3	3	3	4	3	5	4	4	3	3	2	2	2	3	4	7	7	6	4
22	5	12	8	5	6	6	6	5	4	6	6	6	6	4	4	4	3	0	4	4	4	5	5	5	5
23	5	5	5	5	7	6	7	7	8	10	10	8	7	5	5	7	6	6	6	6	6	****	****	****	7
24	****	****	****	****	****	****	****	****	****	****	8	7	13	6	8	9	6	7	7	8	7	10	9	11	****
25	9	7	6	5	5	4	6	6	7	6	5	7	5	8	8	8	****	****	7	7	****	7	5	4	6
26	3	3	3	2	3	2	4	7	4	3	****	****	-	2	4	5	5	-	-	3	4	4	4	4	4
27	4	5	3	4	5	6	3	3	5	6	7	4	5	4	4	3	3	3	3	3	3	4	3	5	4
28	5	5	7	8	6	9	2	3	7	6	****	4	2	1	2	1	1	2	1	1	1	0	2	1	3
29	3	3	2	0	1	0	2	0	2	1	2	2	2	1	1	0	1	2	4	7	12	3	4	4	2
30	4	2	0	1	0	0	2	3	2	1	2	3	4	****	15	7	3	4	3	4	6	7	5	6	4
31	11	13	12	8	7	10	9	8	11	15	12	8	4	3	3	3	3	4	8	11	9	8	6	7	8
MEAN	5	5	4	4	4	5	4	5	5	6	5	5	5	4	5	4	4	4	4	5	5	5	4	5	4.7

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - FEB 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	8	10	5	6	5	7	8	10	10	10	9	7	6	6	5	6	6	5	5	4	4	7	7
2	6	6	6	6	6	12	12	13	11	14	14	10	6	3	0	4	4	4	4	9	5	8	6	6	7
3	5	8	5	5	4	5	7	11	15	15	14	7	3	6	4	3	3	4	4	4	4	5	8	8	7
4	4	7	4	2	3	2	3	6	8	7	4	4	3	3	2	2	1	4	4	4	6	4	4	4	4
5	5	4	2	2	4	3	3	4	3	4	5	6	10	6	4	***	5	3	4	3	3	4	4	4	4
6	3	3	2	2	1	3	4	5	6	6	4	4	4	3	3	2	2	3	2	2	2	2	2	2	3
7	2	3	2	2	1	3	4	5	6	6	4	4	4	3	3	2	3	3	3	2	2	5	4	3	3
8	5	8	7	9	9	8	10	13	12	9	9	8	7	6	8	6	6	8	5	3	5	5	3	4	7
9	5	3	4	2	5	4	6	8	13	11	8	12	5	4	3	2	4	2	4	4	4	6	6	9	6
10	7	7	7	4	6	7	7	9	18	16	14	7	3	2	2	3	3	4	7	5	9	14	11	9	8
11	9	7	7	14	9	11	8	8	16	11	8	9	6	3	1	1	2	2	3	10	12	6	5	5	7
12	2	2	2	4	11	10	10	5	3	4	3	3	2	2	2	0	1	1	1	2	1	1	3	3	3
13	3	3	3	2	5	7	3	6	11	9	6	4	4	3	3	2	4	5	3	2	0	0	4	4	4
14	1	2	1	2	3	5	7	8	8	6	6	1	2	3	3	2	1	0	0	0	2	4	4	5	3
15	5	4	4	3	4	4	4	5	7	7	8	5	8	6	5	5	3	2	3	3	4	3	4	4	5
16	5	5	5	5	4	4	4	5	5	5	3	3	5	2	3	3	3	4	4	4	3	6	6	7	4
17	8	8	13	6	7	10	8	9	12	10	10	8	5	4	5	4	5	3	5	6	6	6	13	12	8
18	10	21	12	19	23	***	10	13	20	19	23	16	8	5	4	6	5	2	2	2	4	6	3	7	10
19	9	7	3	3	3	3	4	6	7	5	5	4	3	3	3	2	1	2	3	3	5	5	5	4	4
20	5	7	6	7	6	8	8	9	13	9	15	9	3	2	3	3	3	2	2	5	3	2	2	4	6
21	6	10	10	8	9	10	12	13	16	11	13	7	3	4	2	2	3	3	2	3	2	2	2	2	6
22	2	4	3	3	3	3	5	7	10	11	6	3	3	3	3	2	2	2	5	3	7	4	11	5	5
23	13	9	10	***	***	4	6	5	6	7	11	11	8	7	6	7	7	8	11	20	11	13	10	9	9
24	4	3	4	13	13	12	7	5	9	6	6	***	4	4	3	6	4	3	2	2	2	2	4	5	5
25	9	6	4	5	7	4	6	6	6	3	3	3	3	2	3	3	3	3	3	3	3	4	3	4	4
26	5	5	5	5	3	3	2	2	2	2	3	1	0	1	0	1	0	2	1	1	3	4	3	2	2
27	2	4	1	3	4	4	9	9	10	8	5	3	4	2	1	2	3	3	3	2	3	3	5	4	4
28	3	4	3	4	4	4	4	4	5	5	3	5	5	***	5	6	6	5	5	4	8	8	7	4	5
MEAN	5	6	5	6	6	6	6	7	10	8	8	6	5	4	3	3	3	3	3	4	5	5	5	5	5.3

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - MAR 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	1	0	2	2	4	6	3	4	3	4	3	3	****	2	0	2	2	2	4	7	8	3
2	7	6	8	7	7	9	11	11	21	16	9	2	2	2	5	5	3	2	2	3	4	4	3	4	6
3	3	4	3	3	3	4	4	5	5	8	6	5	3	1	2	3	2	2	5	4	7	5	4	4	4
4	3	3	0	0	0	0	0	2	3	3	3	2	3	2	1	0	0	0	2	5	6	1	0	0	2
5	2	2	2	2	2	4	10	5	6	6	6	4	3	3	3	3	3	3	2	2	2	2	6	4	4
6	6	9	8	15	5	8	6	5	5	6	6	4	5	6	6	9	9	5	7	8	10	11	15	11	8
7	10	13	13	16	17	16	14	25	20	14	5	4	3	2	2	3	2	3	4	3	5	5	5	3	9
8	3	5	4	4	3	3	4	5	6	6	6	3	4	3	3	3	4	3	5	4	4	4	6	5	4
9	7	9	8	9	12	16	25	25	19	5	13	10	7	8	6	6	5	7	10	11	7	5	8	17	11
10	17	15	13	10	8	11	15	17	19	14	11	7	***	8	4	4	3	4	4	5	6	6	8	10	10
11	10	12	13	12	10	10	12	12	11	10	9	9	10	10	10	10	9	9	10	8	8	7	8	12	10
12	9	14	14	14	13	9	7	5	4	4	4	3	3	2	1	3	0	2	2	2	3	3	4	10	6
13	5	5	8	2	2	3	4	13	8	4	***	5	4	4	4	8	7	9	7	7	6	5	5	7	6
14	8	6	4	4	4	4	4	5	6	6	7	6	7	8	***	***	9	4	6	5	4	3	3	3	5
15	3	3	3	4	2	3	3	6	9	9	9	7	4	3	1	2	3	3	***	3	4	7	2	3	4
16	4	5	5	5	4	4	6	8	5	7	7	4	3	***	5	4	4	3	4	3	4	2	2	2	4
17	2	5	5	5	3	6	4	5	6	6	3	3	3	3	3	3	3	2	2	3	3	4	3	3	4
18	2	2	2	4	10	6	7	8	5	4	3	2	2	3	0	2	1	1	2	2	2	2	4	4	3
19	3	3	11	7	4	5	8	6	2	2	0	0	0	0	0	0	0	0	2	2	3	3	4	6	3
20	7	8	9	4	2	2	1	2	2	2	3	4	4	3	3	4	5	5	4	3	3	3	3	3	4
21	5	7	7	4	5	4	8	9	***	4	5	6	9	9	7	5	4	3	4	4	3	4	2	3	5
22	9	7	4	3	3	3	5	5	6	5	5	5	3	4	3	5	5	8	10	10	12	12	10	8	6
23	5	5	5	5	5	5	7	11	10	10	11	2	4	1	2	1	2	1	2	2	1	2	3	0	4
24	0	0	0	0	0	0	0	0	2	1	2	0	0	2	2	0	0	2	2	2	2	1	0	0	2
25	0	1	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2	0	0	0	0	1	0	1	1
26	0	2	0	0	0	0	0	4	0	2	2	3	2	3	3	3	3	4	4	2	4	4	3	3	3
27	3	3	2	2	2	2	2	3	4	5	5	5	7	8	6	6	7	6	7	7	3	2	6	12	6
28	7	5	4	3	4	5	5	5	4	2	2	3	2	2	2	0	2	2	3	3	3	4	5	6	4
29	11	11	5	3	3	5	5	5	4	2	2	7	6	3	2	3	3	4	2	3	3	3	3	3	6
30	6	8	7	7	4	7	9	14	15	13	7	6	3	2	3	3	4	2	3	3	3	3	3	3	6
31	6	4	4	4	4	5	5	7	7	5	2	3	2	-	-	2	5	4	7	7	10	-	3	6	5
MEAN	5	6	6	5	5	5	6	8	8	6	5	4	4	4	3	4	4	3	4	4	4	4	4	5	4.9

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR														MONTH - APR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	4	4	4	3	3	13	5	7	6	3	4	2	0	0	0	1	2	1	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	1	1	0
3	0	2	0	2	1	2	2	2	2	0	2	2	3	3	5	6	7	10	11	7	6	5	3	5	4
4	8	6	6	7	8	8	6	6	11	10	6	10	13	***	10	7	8	4	5	7	4	4	3	2	7
5	1	0	0	0	0	4	6	8	8	9	8	4	2	3	3	2	3	3	3	2	2	3	2	4	3
6	4	3	3	2	2	2	2	2	3	2	2	2	3	3	3	4	5	5	6	9	8	11	12	8	4
7	9	4	3	2	8	7	3	6	8	7	2	2	3	0	1	2	0	2	1	0	2	3	3	0	3
8	0	1	0	0	0	0	1	0	1	2	2	2	3	1	0	0	0	0	1	1	1	0	2	2	1
9	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0
10	0	1	0	1	2	2	3	3	5	5	5	6	6	5	5	5	3	3	4	7	10	4	3	2	4
11	5	5	***	***	5	8	3	3	-	3	-	7	4	6	4	5	5	3	4	8	5	***	6	4	5
12	-	12	8	13	8	2	2	3	1	2	-	***	2	***	-	***	3	3	3	3	5	5	6	5	5
13	10	9	7	7	7	7	4	4	1	2	0	2	1	5	3	2	2	0	0	2	3	7	7	11	4
14	8	4	7	17	5	6	7	5	3	3	1	2	0	2	0	2	0	0	2	3	2	2	0	1	3
15	4	4	11	8	3	4	5	3	2	1	0	0	1	0	0	1	0	0	0	0	0	1	2	3	2
16	2	3	3	4	4	4	-	5	6	6	8	-	3	3	3	-	2	0	2	2	-	2	5	-	4
17	2	***	-	3	-	***	4	5	5	3	2	3	-	3	4	2	-	***	3	***	0	***	2	2	***
18	1	2	0	1	1	1	1	-	2	3	2	-	-	-	-	-	5	0	3	0	4	4	4	4	2
19	5	5	4	7	3	4	4	6	6	4	4	3	3	3	5	8	4	5	7	9	5	4	6	4	5
20	3	3	3	4	3	4	3	4	5	5	5	4	3	3	4	***	2	3	3	2	2	3	2	2	3
21	2	1	4	0	0	1	2	3	4	3	3	3	3	3	1	0	0	2	0	3	2	1	3	4	2
22	6	7	7	8	7	9	12	5	4	4	3	3	4	7	3	2	2	2	1	3	1	2	2	3	4
23	2	2	4	3	4	3	5	4	3	2	2	0	0	1	2	3	3	3	2	2	2	2	2	2	2
24	3	5	3	4	4	3	3	4	6	14	12	11	8	5	5	5	4	4	5	5	10	4	2	4	6
25	4	3	2	2	2	2	3	7	7	5	3	2	***	2	1	2	2	3	0	0	3	1	1	2	3
26	2	2	2	***	2	-	3	3	2	1	***	3	2	2	1	1	1	0	0	2	2	1	2	2	2
27	1	2	1	-	1	2	4	5	5	***	-	1	0	2	2	***	2	3	2	7	3	2	4	4	3
28	5	7	8	8	10	6	8	6	5	4	3	3	2	0	0	0	1	-	***	2	1	2	4	4	4
29	5	5	6	7	7	9	10	10	9	5	4	0	2	2	2	2	-	-	0	0	0	0	0	0	4
30	0	0	0	0	0	0	2	2	2	1	2	0	1	1	0	0	0	0	0	1	0	0	0	0	1
MEAN	3	4	3	4	3	4	4	4	4	4	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR														MONTH - MAY 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	4	4	3	4	3	2	2	2	2	1	0	2	0	2	2	2	3	4	2
2	8	6	5	2	6	3	5	4	14	***	3	1	2	2	1	0	0	1	0	2	2	4	4	5	3
3	6	6	6	7	9	8	12	13	10	8	***	6	1	3	2	2	0	1	0	0	1	0	2	1	5
4	2	2	0	0	1	0	1	2	1	1	0	1	0	2	2	2	2	2	2	2	2	1	1	1	1
5	2	1	2	1	1	2	3	3	3	3	3	4	7	3	4	5	5	6	6	7	5	4	6	4	4
6	5	3	3	3	3	3	3	4	3	2	2	3	2	3	3	5	4	2	2	2	2	4	2	5	3
7	4	5	4	5	7	6	7	4	3	2	2	0	0	2	0	0	0	0	0	0	1	2	2	1	2
8	3	0	3	2	3	4	4	5	4	3	3	2	2	1	2	2	1	3	3	2	5	4	5	4	3
9	4	6	13	3	3	4	3	4	2	3	0	3	8	4	5	4	6	3	4	5	8	6	6	7	5
10	7	4	4	3	2	2	4	-	***	2	2	2	2	2	0	2	2	2	3	1	2	2	3	2	3
11	2	3	4	5	4	4	3	3	4	3	3	3	3	4	3	3	4	4	4	3	4	4	4	3	4
12	3	3	3	3	2	2	3	4	3	3	3	2	2	5	2	4	2	2	3	3	1	1	2	2	3
13	2	2	2	2	2	2	3	4	2	1	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1
14	2	2	3	3	3	2	4	2	2	0	2	2	2	1	0	0	0	0	0	2	3	3	3	2	2
15	1	2	0	2	3	3	3	4	4	4	4	3	4	4	3	5	4	4	3	4	0	3	3	2	3
16	2	2	2	0	1	2	3	3	3	3	2	2	2	1	2	3	3	3	2	3	2	2	0	6	2
17	6	5	3	3	5	6	5	7	6	2	3	2	2	5	4	3	4	2	3	3	5	3	4	6	4
18	6	6	8	6	10	11	7	7	8	7	7	8	6	6	6	7	6	6	5	5	4	3	4	6	6
19	10	7	7	6	8	8	11	9	5	4	3	3	4	5	4	4	3	2	5	3	3	7	11	14	6
20	13	9	10	9	5	6	6	4	***	6	5	4	3	3	6	3	5	0	2	2	2	3	3	2	5
21	2	0	0	0	0	0	0	0	0	0	0	1	***	0	***	0	2	2	0	0	0	2	2	2	1
22	5	6	4	4	3	5	5	2	2	0	0	0	0	2	2	***	0	0	0	5	0	2	3	3	2
23	4	3	8	6	3	6	7	7	6	5	5	8	***	2	4	4	4	3	3	***	4	5	5	6	5
24	8	7	6	5	8	9	9	10	8	7	6	4	3	2	3	4	2	4	0	3	3	5	8	8	6
25	10	9	10	11	10	15	18	31	29	25	8	8	7	8	7	7	6	5	5	8	9	13	7	8	11
26	8	6	7	9	10	10	14	22	23	10	10	6	5	4	6	4	4	5	0	6	5	5	8	7	8
27	8	***	***	***	***	14	10	7	16	-	13	7	8	6	6	5	5	3	2	6	5	3	4	7	7
28	7	8	10	9	9	11	12	6	7	8	6	5	4	3	4	3	3	2	0	2	4	3	4	***	6
29	5	8	10	8	7	5	6	6	5	4	4	***	6	3	3	3	3	2	0	1	5	4	3	3	5
30	3	3	3	3	4	3	6	7	3	6	3	4	3	3	2	***	10	4	2	2	0	0	0	0	3
31	3	10	12	13	13	11	8	6	4	3	3	3	***	3	2	8	1	0	1	1	3	***	5	7	5
MEAN	5	4	5	4	5	5	6	6	6	4	4	3	3	3	3	3	3	3	2	2	3	3	4	4	4.0

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - AUG 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	7	14	18	10	5	9	10	8	6	6	4	4	3	4	3	2	2	3	4	5	9	7	6
2	5	6	6	6	8	6	6	6	4	3	4	2	4	4	4	3	4	3	4	2	2	15	9	7	5
3	3	4	2	5	5	3	3	4	2	***	2	6	6	9	3	2	3	4	3	5	2	2	1	0	3
4	2	0	3	3	4	5	0	7	4	0	0	0	1	4	2	3	1	2	2	2	3	3	2	3	2
5	3	4	6	7	7	10	14	11	6	1	1	3	3	3	1	1	0	0	2	2	3	2	2	4	4
6	5	***	9	8	8	***	7	4	5	4	4	3	3	4	4	4	3	3	4	4	3	3	3	6	5
7	7	6	13	20	11	7	9	9	4	3	4	6	6	7	6	6	4	4	3	4	4	4	5	5	7
8	6	5	6	13	10	15	8	7	11	10	10	8	4	4	3	3	3	2	2	4	3	4	4	3	6
9	4	4	4	4	5	8	10	5	5	6	4	3	5	4	6	3	4	3	3	2	5	0	3	2	4
10	3	3	2	2	2	2	4	5	2	3	3	3	3	***	6	4	3	3	2	3	0	3	5	4	3
11	3	3	3	2	2	4	7	7	8	4	***	6	2	2	2	2	2	0	0	2	2	3	3	2	3
12	1	1	5	5	6	6	5	5	3	2	1	1	2	3	2	2	0	1	1	3	3	4	6	7	3
13	6	4	***	5	***	***	15	11	9	10	9	8	6	3	4	3	1	1	0	0	2	3	2	3	5
14	4	4	***	***	8	9	18	26	16	9	4	3	2	2	3	2	2	2	2	3	2	3	2	4	6
15	3	3	4	3	3	3	5	6	5	5	6	5	6	4	3	3	3	3	2	2	2	2	***	3	4
16	2	3	2	3	2	8	3	3	3	3	0	2	3	2	2	3	3	3	7	10	8	5	***	4	
17	8	8	9	16	15	17	15	15	12	6	3	3	4	0	2	3	3	3	1	2	2	3	4	7	4
18	6	4	7	8	7	9	9	4	4	6	6	6	4	3	3	4	3	2	3	4	3	0	5	4	5
19	5	3	0	3	2	3	2	3	2	5	5	3	2	2	0	0	-	-	-	0	1	2	2	0	2
20	0	1	0	2	2	4	2	2	1	0	0	2	0	0	0	0	0	2	1	1	3	3	2	2	1
21	1	2	5	***	***	***	17	8	3	0	0	0	0	2	2	1	1	0	0	1	1	4	4	3	3
22	3	1	2	5	7	8	13	9	17	10	6	6	6	7	6	4	2	0	4	4	4	4	4	5	6
23	4	6	11	***	8	6	5	6	10	8	7	4	***	4	5	4	3	3	5	4	6	4	7	7	6
24	11	15	15	13	8	5	6	8	12	7	10	9	12	6	3	3	2	3	3	4	4	3	3	7	6
25	3	2	1	1	0	0	3	3	4	5	5	5	5	3	4	6	3	0	2	2	2	1	1	2	3
26	0	0	1	3	2	0	2	2	3	3	5	5	3	3	4	6	3	0	2	2	3	4	4	3	3
27	3	3	2	0	0	2	2	3	2	4	2	3	4	3	3	3	0	4	3	2	3	2	0	0	2
28	0	2	1	2	2	1	2	3	3	4	3	2	2	3	2	4	8	5	1	3	2	2	0	1	2
29	5	10	10	4	7	11	13	11	8	***	3	3	4	3	2	0	1	0	2	2	4	6	5	4	5
30	5	4	4	5	8	9	12	14	14	15	7	6	7	5	3	-	-	-	***	3	5	5	8	9	7
31	10	11	17	5	3	3	4	5	4	2	3	3	0	0	4	3	0	2	2	4	2	3	4	4	4
MEAN	4	4	5	6	6	6	7	7	6	5	4	4	4	3	3	3	2	2	2	3	3	4	4	4	4.3

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - SEP 78											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	5	6	8	9	15	16	7	7	5	5	7	8	7	2	2	2	3	2	3	1	2	5
2	2	3	3	3	6	8	9	8	6	4	3	5	4	3	3	4	2	1	2	3	5	5	4	5
3	4	4	11	12	10	6	8	5	4	3	2	3	3	0	1	0	0	0	0	0	0	0	0	3
4	0	1	0	2	2	2	1	2	3	2	0	2	3	3	2	9	5	2	3	4	4	5	5	6
5	6	8	5	9	12	14	10	21	11	10	9	12	10	8	5	4	3	2	2	3	3	9	10	8
6	12	13	10	9	11	9	9	17	19	15	13	7	7	8	7	6	6	7	9	4	5	9	15	10
7	11	14	13	12	14	17	13	24	15	9	9	***	7	6	5	8	6	5	5	4	5	7	2	9
8	3	4	5	5	4	3	10	15	12	9	11	9	5	6	5	3	2	3	4	3	2	5	2	6
9	3	2	2	1	0	0	2	2	1	1	1	0	1	0	2	0	0	2	0	2	2	3	2	1
10	2	0	1	2	2	2	3	5	5	16	15	12	8	6	4	5	2	2	5	5	5	3	5	5
11	4	7	3	4	9	7	9	7	7	6	5	6	7	7	6	0	8	4	3	5	5	6	5	6
12	10	6	4	4	3	4	4	***	***	5	5	2	3	4	4	4	2	0	2	1	2	2	1	2
13	0	1	0	2	0	1	2	2	2	2	0	3	0	4	2	2	1	2	3	3	2	0	3	5
14	5	6	7	7	7	4	5	5	***	2	4	3	-	2	0	2	3	2	-	-	10	4	3	4
15	8	13	17	10	10	16	14	-	***	9	4	5	3	2	1	3	1	2	4	3	4	4	4	3
16	9	11	12	8	5	4	6	5	3	2	3	3	5	5	3	3	3	2	2	3	0	0	0	4
17	0	0	0	1	2	1	5	3	4	4	4	2	0	3	2	2	0	0	3	2	2	0	3	2
18	4	4	3	2	2	2	3	5	5	4	6	2	3	0	3	4	0	3	2	9	7	4	4	3
19	3	3	3	2	2	2	4	5	3	2	3	4	6	3	***	3	2	3	2	2	2	2	3	3
20	2	2	2	3	3	3	3	5	8	10	10	6	5	***	3	4	2	3	2	3	4	4	5	4
21	4	5	5	4	5	6	5	9	8	9	4	4	3	2	3	3	0	3	2	2	2	1	2	4
22	0	0	0	4	4	4	7	4	3	1	0	0	0	2	0	1	1	0	0	5	5	4	2	2
23	4	4	4	***	5	7	***	6	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	6	6	8	8	9	8	11	9	11	5	7	7	5	5	4	4	2	2	0	0	3	3	2	5
25	0	0	1	1	3	3	0	0	5	5	4	3	3	2	2	1	2	1	2	***	2	1	1	3
26	3	9	2	3	3	6	9	11	6	7	6	3	4	2	2	2	2	1	2	2	2	2	2	2
27	5	6	6	6	8	5	6	7	9	8	6	6	4	9	5	7	5	5	1	0	0	2	0	5
28	0	2	2	2	3	4	6	7	7	10	3	1	4	2	3	2	0	0	4	6	11	13	14	11
29	9	8	7	4	3	5	7	12	4	2	2	0	0	0	0	3	2	3	4	6	6	9	9	8
30	9	7	4	4	4	4	4	4	5	5	7	7	6	6	5	6	4	4	5	7	6	7	5	3
MEAN	4	5	5	5	5	6	6	8	7	6	5	5	4	4	3	3	2	2	3	3	4	4	4	4.5

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH - OCT 78

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	3	3	3	3	3	3	3	2	3	1	0	1	1	0	0	4	1	2	2	2	5	7	3
2	12	9	11	20	14	17	21	23	15	6	4	2	2	3	2	2	1	0	0	0	3	3	4	11	8
3	6	6	3	2	2	3	2	3	4	5	3	4	4	5	...	...	7	5	5	6	6	6	5	5	4
4	5	10	10	6	4	3	4	4	4	3	4	4	...	...	2	2	1	0	0	0	2	7	5	3	2
5	4	2	2	0	2	2	2	3	2	3	3	3	2	2	3	3	...	...	0	0	0	2	4	3	2
6	3	3	0	0	5	2	2	2	14	9	8	4	2	0	0	0	1	2	3	3	2	3	2	0	3
7	2	2	2	2	2	1	2	2	4	2	2	0	...	...	0	2	2	1	2	2	0	0	0	1	2
8	0	0	0	2	0	1	2	3	2	0	2	0	1	1	2	2	0	3	2	2	5	8	9	7	2
9	10	6	7	6	5	7	8	6	...	...	6	3	6	2	2	3	2	3	2	3	4	3	4	5	6
10	6	6	6	5	5	5	5	8	7	9	9	9	6	...	...	3	...	...	5	4	4	3	5	4	6
11	4	4	4	5	5	11	6	...	4	5	5	4	5	5	4	3	2	3	2	2	4	3	4	4	4
12	5	4	4	4	5	7	8	8	7	8	7	7	7	4	6	4	3	3	1	5	3	7	5	5	5
13	6	3	7	9	9	11	10	10	11	6	9	5	3	2	2	2	1	2	2	2	2	0	1	2	2
14	0	0	0	0	0	4	6	6	3	3	2	0	1	0	0	1	2	2	1	3	2	2	3	4	3
15	5	4	4	3	1	2	3	2	3	1	2	0	3	5	3	4	3	4	2	1	2	3	5	5	3
16	2	2	0	0	0	1	2	0	4	3	2	3	3	4	3	3	2	2	3	13	3	5	5	5	3
17	9	6	10	13	15	19	28	29	18	9	4	2	2	...	...	2	1	2	2	2	2	3	2	3	4
18	3	4	4	4	4	4	4	4	5	6	5	6	5	5	5	5	5	7	6	6	7	11	17	6	
19	8	7	7	7	10	12	14	15	15	13	9	9	4	8	9	5	8	8	7	6	4	5	6	8	8
20	6	7	7	8	9	16	15	21	21	13	7	6	3	4	4	3	2	5	2	3	3	4	4	4	7
21	5	6	7	7	8	9	16	7	9	7	8	6	5	5	4	3	3	4	3	4	4	5	6	6	6
22	5	5	5	5	5	5	6	5	6	6	7	7	6	6	5	8	5	6	5	5	8	10	5	4	4
23	2	2	2	2	1	2	3	3	4	...	4	1	3	2	1	0	0	...	3	3	2	3	4	4	5
24	6	6	6	10	12	13	15	25	13	5	3	2	2	2	2	3	...	...	3	3	5	6	4	5	5
25	0	4	4	4	6	6	4	4	3	4	6	...	5	3	4	5	6	4	5	5	6	5	6	4	5
26	4	5	4	4	3	10	7	5	5	5	5	5	4	4	4	3	3	4	4	3	3	2	4	5	4
27	9	19	7	4	4	9	9	...	2	6	5	3	3	1	4	3	2	3	4	3	3	4	5	4	5
28	3	6	14	16	13	8	6	7	4	2	3	2	1	2	0	0	0	0	4	4	4	3	6	7	4
29	5	4	5	5	4	5	3	4	5	3	2	2	2	2	2	0	0	4	5	6	5	7	4	3	4
30	3	3	4	5	4	14	2	...	6	3	3	3	3	3	3	5	3	6	8	...	...	10	6	7	5
31	7	7	9	12	11	9	9	12	21	21	15	11	11	6	5	2	4	5	3	3	3	3	4	3	8
MEAN	5	5	5	6	6	7	7	8	8	6	5	4	4	3	3	3	2	3	3	4	3	5	5	5	4.7

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH - NOV 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	6	11	10	13	19	20	18	14	10	7	7	8	8	3	6	5	4	5	3	3	4	8
2	5	5	6	4	5	4	5	4	4	7	7	7	7	8	8	8	9	12	17	16	18	14	12	13	8
3	11	11	10	10	10	13	16	17	20	17	14	15	12	11	9	11	10	11	12	12	12	12	15	10	13
4	15	16	15	15	13	12	14	13	11	12	10	12	9	8	7	8	12	13	12	12	9	11	13	12	12
5	12	12	11	11	10	9	9	8	8	9	8	7	6	5	5	5	4	7	5	4	6	6	7	7	8
6	8	8	6	12	7	2	3	3	3	4	6	4	2	5	5	3	5	4	3	3	3	5	6	5	4
7	6	7	4	3	1	2	3	3	3	9	6	2	0	2	2	0	3	2	4	6	3	5	10	6	6
8	6	5	6	5	4	5	5	6	7	6	3	6	6	4	3	4	4	7	5	7	5	5	7	5	6
9	5	5	5	4	4	8	5	7	6	3	4	5	4	4	5	5	4	7	8	11	11	18	19	6	8
10	6	6	7	7	6	8	8	5	10	9	12	17	15	14	13	17	12	9	7	7	2	2	2	0	9
11	11	6	6	8	8	9	10	9	12	17	15	15	14	16	13	17	12	9	7	7	2	2	2	0	9
12	0	0	0	0	0	1	0	0	0	0	2	0	3	3	2	2	0	3	5	3	2	2	1	2	1
13	2	1	2	1	0	2	3	3	5	5	4	4	6	6	5	4	6	6	6	5	6	5	6	8	4
14	6	4	9	6	6	7	9	5	6	6	6	6	2	1	2	3	3	2	3	2	3	2	4	4	4
15	2	3	1	1	0	0	2	3	3	4	5	4	4	7	7	4	5	7	6	7	8	11	12	10	7
16	9	11	9	12	13	14	18	18	14	11	2	2	2	2	2	4	3	2	3	2	3	3	3	3	3
17	2	3	2	3	3	3	4	3	5	3	3	3	2	2	2	3	2	4	2	0	3	4	4	4	4
18	4	3	4	7	7	5	6	5	7	6	4	6	6	6	8	...	...	4	5	5	4	5	5	8	4
19	3	3	4	2	7	8	9	3	3	3	2	0	3	4	2	2	0	5	5	5	4	5	5	8	4
20	5	5	7	8	4	1	4	5	7	6	0	3	3	3	...	...	5	3	2	2	1	2	2	2	2
21	2	2	2	0	2	2	3	4	3	3	3	3	2	0	0	2	5	6	4	2	4	5	7	6	3
22	6	8	6	6	8	9	10	12	15	19	14	11	13	16	20	17	14	12	8	7	7	6	6	5	11
23	4	4	4	6	7	10	11	11	8	7	9	8	11	6	8	11	10	7	7	7	6	3	4	4	7
24	3	2	3	4	2	5	3	3	5	6	7	4	7	5	4	5	2	2	3	2	3	5	3	2	3
25	2	2	2	2	4	2	6	3	2	0	3	4	3	2	0	2	2	2	3	2	3	0	0	1	1
26	3	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	...	...	1	1	6	6	5	5	6
27	1	2	2	2	2	2	2	3	3	3	3	2	3	4	4	4	7	6	6	7	4	5	5	6	4
28	6	7	7	6	6	5	5	6	6	6	6	6	6	6	8	...	...	4	5	4	5	4	3	9	4
29	4	3	2	2	5	2	5	3	3	4	2	3	4	3	2	5	3	4	3	...	...	5	8	10	13
30	12	10	10	4	5	2	2	2	4	3	2	3	2	3	7	5	3	4	3	...	...	5	4	10	13
MEAN	6	5	5	5	5	5	6	6	7	7	6	5	5	5	5	5	5	6	5	6	5	6	6	6	5.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT													
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - DEC 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	10	7	8	8	7	4	5	5	5	5	5	4	2	***	5	7	9	7	5	5	5	6	4	4	6	
2	2	2	1	1	0	2	2	2	2	3	4	5	4	4	4	3	3	3	2	2	2	2	2	2	2	
3	0	1	1	0	1	0	1	2	3	4	5	5	5	5	5	5	3	2	1	0	1	1	3	4	2	
4	5	6	6	6	6	5	5	6	8	6	***	***	8	6	2	2	5	2	1	2	2	2	2	3	4	
5	3	2	3	4	4	3	3	3	5	5	5	5	3	3	6	4	4	4	6	6	6	10	16	20	6	
6	16	6	16	9	4	6	6	12	18	15	16	15	13	7	4	8	5	4	5	5	6	3	4	3	9	
7	4	4	3	3	3	4	4	5	4	1	4	6	***	***	15	12	11	12	11	12	13	11	12	13	8	
8	16	10	7	5	3	2	3	3	6	4	4	0	5	6	6	5	6	5	5	4	3	4	4	3	5	
9	3	2	2	1	0	0	0	0	3	4	3	4	0	1	2	2	1	2	4	2	3	3	3	2	2	
10	0	10	5	9	3	4	7	6	14	9	7	4	3	4	4	3	4	8	8	9	11	14	13	10	7	
11	16	10	7	5	***	3	3	3	3	4	4	2	5	***	***	6	6	5	4	4	6	6	7	8	6	
12	7	8	8	13	7	6	4	7	5	5	4	4	5	2	3	3	3	3	3	4	4	4	3	3	5	
13	2	2	6	5	4	3	7	9	14	11	4	6	6	7	6	7	7	6	7	7	7	6	3	2	6	
14	2	0	2	4	2	4	5	2	3	3	4	3	3	2	2	2	3	0	-	-	-	-	-	-	3	
15	-	-	-	-	-	-	-	-	-	4	4	4	4	3	3	3	3	3	4	4	3	4	6	10	***	
16	10	7	16	4	4	4	5	5	5	6	7	6	6	5	5	5	5	5	6	13	6	7	8	2	6	
17	2	2	1	0	0	0	3	0	0	1	2	0	1	1	2	1	2	5	5	5	7	10	6	10	12	3
18	10	9	10	13	10	3	3	6	5	9	11	7	4	3	5	5	5	6	4	3	3	2	0	2	6	
19	0	2	2	3	0	0	1	4	2	2	3	3	0	3	7	***	***	2	2	2	2	2	2	3	2	
20	2	0	3	1	1	0	2	2	5	***	***	***	6	7	7	9	11	11	11	23	11	6	9	6	6	
21	7	5	6	5	5	6	6	10	7	9	6	5	***	7	8	6	6	6	11	6	8	8	4	7	7	
22	7	3	3	3	2	2	3	3	3	4	4	4	3	5	3	5	11	10	6	4	6	7	4	3	5	
23	7	3	2	4	7	3	0	2	3	5	4	4	3	3	3	3	3	3	5	4	4	4	4	5	4	
24	5	6	4	5	4	0	4	5	5	6	3	4	3	4	4	4	3	4	8	7	5	9	10	6	5	
25	4	4	2	***	0	0	0	0	2	2	4	6	4	3	3	5	3	4	4	4	6	7	6	9	4	
26	***	6	***	***	3	3	3	3	8	8	7	***	3	2	1	0	3	2	4	2	***	5	3	3	4	
27	6	10	4	5	8	7	7	2	-	***	0	2	2	2	3	2	2	2	2	3	4	4	6	5	4	
28	6	2	3	5	4	3	5	9	13	10	7	4	0	2	2	0	1	2	3	3	3	3	1	2	4	
29	2	2	2	2	2	0	0	0	0	1	2	-	-	-	0	3	3	3	4	3	4	4	7	6	2	
30	9	8	9	7	7	3	3	3	3	4	4	4	5	4	6	7	6	5	5	5	5	4	4	4	5	
31	4	5	4	4	6	6	6	5	6	6	6	7	5	4	4	5	5	6	6	6	9	8	8	-	6	
MEAN	6	5	5	5	4	3	4	4	6	5	5	5	4	4	4	4	5	5	5	5	5	5	6	6	4.7	

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 2.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX				UNITS - 0.1 COMS/1000 FT			
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR							
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING			
JAN	30	4.7	8	21			
FEB	28	5.3	10	23			
MAR	31	4.9	11	25			
APR	29	3.2	7	17			
MAY	31	4.0	11	31			
JUN	30	3.5	5	16			
JUL	31	3.2	8	24			
AUG	31	4.3	7	26			
SEP	29	4.5	10	24			
OCT	31	4.7	8	29			
NOV	30	5.6	13	20			
DEC	30	4.7	9	23			
YEAR	361	4.4	13	31			

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015

COLLEGE/SOUTH STREET WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	391	296	25	1	1	0	0	714
FEB	347	259	47	9	3	0	0	665
MAR	424	252	42	11	4	0	0	733
APR	506	154	14	1	0	0	0	675
MAY	488	208	21	2	4	1	0	724
JUN	519	172	5	1	0	0	0	697
JUL	559	145	17	1	1	0	0	723
AUG	484	193	31	9	1	0	0	718
SEP	415	230	37	7	2	0	0	691
OCT	423	248	34	8	9	0	0	722
NOV	342	275	76	23	0	0	0	716
DEC	394	267	32	9	1	0	0	703
YEAR	5292	2699	381	82	26	1	0	8481

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.2	2.0	3.1	4.7	8.2	10.5	13.7	15.9	31	4.4

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049

156 VICTORIA ST NORTH SARNIA

MONTH - JAN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	3	2	1	0	0	0	0	0	2	2	2	0	2	0	0	0	0	0	0	0	0	1
2	0	0	0	0	1	2	3	3	3	4	5	3	4	3	3	0	2	2	2	3	3	2	3	4	4
3	18	3	2	2	2	3	2	4	5	5	7	9	6	5	5	5	6	***	8	5	5	7	5	5	5
4	4	2	3	5	4	***	6	6	11	10	9	7	10	11	9	9	8	7	13	6	8	-	-	4	8
5	4	4	5	6	5	7	9	5	6	0	3	8	7	6	5	4	6	6	6	3	3	4	7	2	5
6	4	4	2	2	3	3	2	3	3	4	4	5	4	4	5	5	3	4	9	3	7	7	6	0	4
7	2	2	2	3	3	3	2	6	7	5	7	1	8	2	7	4	0	3	0	0	0	0	0	0	3
8	8	6	4	0	7	2	6	7	5	7	1	8	2	7	4	0	3	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	0	1	0	0	2	2	1	4	3	2	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	***	3	2	2	2	0	4	0	3	2	2	0	2	0	0	1
11	0	0	0	2	0	0	0	2	0	2	2	0	2	3	2	2	3	3	2	2	1	2	2	3	5
12	2	1	1	2	2	2	4	4	4	5	7	5	7	5	-	2	8	11	8	8	6	4	5	4	1
13	4	4	4	4	3	4	3	4	5	***	4	5	5	4	3	4	5	4	3	2	2	5	2	2	4
14	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0	1	0	0	2	0	0	0
15	0	0	1	6	0	0	0	2	2	2	2	2	2	2	0	1	2	3	4	4	5	4	4	4	2
16	4	3	3	4	3	2	2	3	3	5	5	9	10	10	***	6	10	7	7	7	10	11	10	6	6
17	7	6	5	4	4	5	5	4	3	1	4	3	3	2	2	2	4	4	2	0	2	2	0	0	3
18	0	0	0	0	0	0	0	2	2	2	0	0	3	0	0	3	4	6	2	2	3	3	6	6	2
19	4	4	3	5	5	3	3	6	9	7	3	2	2	0	0	1	2	3	2	2	0	0	0	0	3
20	0	0	0	0	0	0	0	1	0	1	0	0	2	2	2	2	3	3	3	1	3	3	1	2	1
21	3	1	0	2	2	3	2	3	2	2	3	3	4	2	2	2	1	4	1	2	3	4	4	5	3
22	5	5	4	5	5	4	3	6	6	7	6	6	6	6	6	6	5	5	4	5	5	7	6	5	5
23	7	8	7	5	6	10	8	12	10	11	12	11	12	12	10	10	10	8	10	7	8	8	8	13	9
24	8	9	10	10	11	9	9	10	10	11	10	10	12	13	10	11	10	14	9	13	9	10	10	11	10
25	8	8	8	5	4	4	5	6	2	2	6	6	0	6	7	7	***	***	0	7	***	0	5	3	5
26	4	5	0	4	3	0	2	5	4	1	***	***	***	2	2	3	2	***	2	2	2	2	0	2	2
27	0	0	0	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1	2	1	0	0	1
28	0	1	0	0	0	1	3	0	0	2	2	2	3	2	1	2	0	3	1	2	0	2	1	1	1
29	2	0	2	2	0	14	2	0	0	0	1	1	2	0	0	0	0	0	2	2	3	2	0	1	2
30	0	0	0	0	0	3	3	2	3	2	3	3	2	1	0	3	7	5	5	4	6	4	5	5	3
31	5	6	12	9	7	6	5	7	8	7	7	4	5	4	1	2	3	4	2	5	4	3	7	6	5
MEAN	3	3	3	3	3	3	3	4	3	4	4	4	4	4	3	3	4	4	4	3	3	3	4	3	3.4

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA														MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	3	3	2	3	3	4	4	0	4	4	5	5	2	1	7	4	6	5	6	5	5	6	4
2	6	7	6	6	6	8	8	10	7	8	6	4	4	3	3	3	4	0	5	5	2	3	3	3	5
3	1	2	2	0	0	1	2	3	3	0	3	3	3	3	4	3	4	4	3	2	3	8	3	5	3
4	7	6	6	6	4	2	3	5	8	7	5	5	3	3	3	2	2	2	4	5	2	2	3	3	4
5	2	2	2	2	2	2	3	2	3	3	3	4	5	3	3	3	3	3	4	3	3	3	1	0	3
6	0	0	0	0	0	0	0	2	2	2	0	2	3	3	3	3	5	4	3	6	3	2	0	0	2
7	0	0	0	0	0	0	0	2	1	3	3	3	3	3	3	2	5	3	2	0	1	2	4	2	2
8	0	0	0	0	3	2	1	3	2	2	0	2	3	1	1	5	5	2	3	4	3	5	6	6	2
9	3	1	0	2	2	2	1	5	9	5	2	0	0	5	2	6	4	2	0	0	3	6	4	7	3
10	4	2	2	0	2	2	3	4	7	7	4	0	2	6	5	0	7	8	7	6	4	7	5	5	4
11	6	7	5	3	4	5	7	7	4	4	4	2	3	0	5	0	3	4	3	7	4	12	7	5	5
12	4	6	4	2	2	2	2	3	3	4	2	2	2	2	0	3	2	3	7	2	2	3	0	6	3
13	5	2	4	6	4	4	4	7	7	4	0	5	0	4	0	3	3	4	2	0	0	0	0	0	3
14	0	0	0	2	3	0	2	5	4	6	4	3	4	3	2	2	4	0	0	4	5	4	4	4	3
15	4	5	4	5	5	5	7	8	8	8	3	4	11	9	5	5	6	5	3	4	3	5	6	5	6
16	6	5	7	6	5	5	6	5	6	6	7	2	5	6	5	4	4	5	6	4	6	5	4	4	5
17	6	6	4	4	4	3	4	6	4	5	4	6	7	6	5	4	4	3	3	4	4	5	5	6	5
18	5	5	4	4	4	4	4	5	5	5	5	6	5	6	4	3	2	3	3	1	3	5	5	5	4
19	3	3	3	4	2	2	2	3	3	5	3	2	2	3	2	2	2	0	3	2	0	0	3	5	2
20	7	4	4	6	4	5	5	6	8	10	12	12	5	8	4	5	5	5	5	8	6	5	4	6	6
21	6	7	6	8	7	6	6	5	9	6	5	6	3	2	3	3	3	3	2	0	0	0	0	1	4
22	2	2	1	0	0	0	3	2	3	4	3	3	3	3	4	3	3	3	0	2	2	2	2	3	2
23	4	4	4	4	4	5	5	8	10	7	9	9	10	12	9	9	11	7	7	7	9	5	5	4	7
24	4	4	3	2	3	2	2	3	2	5	4	4	4	4	5	5	5	6	4	4	4	4	2	3	4
25	3	4	5	4	6	3	4	3	3	3	5	4	5	4	2	3	4	6	5	5	3	3	3	2	4
26	3	0	1	4	0	0	1	0	0	0	1	0	1	2	0	3	0	2	2	3	2	1	3	4	1
27	0	0	0	0	0	1	3	2	4	2	4	1	2	2	2	1	3	2	3	2	3	4	6	2	2
28	5	5	4	6	6	6	3	7	5	5	5	6	4	4	6	6	7	9	3	4	6	4	4	4	5
MEAN	4	3	3	3	3	3	3	4	5	5	4	4	4	4	3	3	4	4	4	4	3	4	3	4	3.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - MAR 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	0	2	2	-	2	2	3	3	3	4	0	4	1	0	0	3	4	7	4	2	2
2	3	4	5	3	3	4	3	8	10	10	8	3	3	3	3	3	4	4	0	3	3	4	3	4	4
3	3	3	2	2	2	3	2	3	3	4	3	4	5	5	4	4	3	5	3	0	1	3	3	5	3
4	0	1	0	0	0	0	0	0	0	0	2	2	2	0	2	2	2	2	2	1	3	3	2	2	1
5	0	0	2	1	2	2	2	4	4	3	3	2	3	3	3	4	3	3	5	4	3	4	3	4	3
6	3	3	3	4	4	3	8	11	9	11	7	8	6	5	6	5	8	7	4	3	6	6	9	13	6
7	11	8	5	9	6	12	8	8	13	16	17	15	8	5	7	8	8	5	0	5	0	4	3	4	8
8	2	4	2	0	0	0	0	3	2	6	5	4	0	7	0	4	5	3	4	0	2	2	3	2	3
9	2	2	9	6	5	7	9	15	3	12	6	6	4	7	11	9	11	10	9	2	11	8	11	10	8
10	8	9	7	7	10	8	6	10	7	9	5	3	3	4	4	7	2	6	10	6	3	8	4	9	6
11	3	8	6	9	12	10	8	9	12	6	11	6	11	7	10	6	10	10	4	11	9	13	10	11	9
12	11	9	11	10	8	6	0	3	4	3	0	2	4	2	0	1	3	0	3	5	3	6	6	3	4
13	3	5	4	2	0	3	2	3	4	8	6	2	3	2	5	6	5	4	7	0	6	4	5	4	4
14	2	0	6	4	3	3	5	2	10	7	5	2	3	4	4	4	3	6	3	5	2	5	4	4	4
15	0	3	2	2	1	2	1	3	0	0	5	3	0	7	4	4	9	5	4	4	0	7	3	3	3
16	2	3	2	0	1	1	2	3	3	3	4	0	7	2	7	5	2	6	3	5	5	8	5	3	3
17	3	2	2	2	1	2	3	4	5	1	3	3	0	4	3	0	3	3	2	3	4	6	6	3	3
18	4	5	4	2	5	3	3	3	3	4	4	4	4	4	6	4	4	3	4	3	3	3	5	7	4
19	3	3	4	3	3	2	2	2	1	2	0	0	0	0	0	0	0	2	0	4	3	3	0	4	2
20	5	3	0	0	0	0	2	2	0	1	0	2	1	7	0	0	6	5	3	0	4	3	6	4	2
21	3	5	10	17	7	4	10	11	2	8	7	3	8	5	10	9	6	11	6	8	2	6	3	4	7
22	3	3	3	4	3	2	6	10	10	4	8	11	9	9	5	7	7	2	7	9	4	9	7	4	6
23	0	6	5	5	7	3	6	11	11	4	0	3	3	0	2	2	4	5	0	8	0	5	3	2	4
24	2	0	1	0	0	0	0	0	0	1	2	2	0	0	0	3	0	3	2	2	0	3	2	2	1
25	2	2	2	3	3	3	3	3	3	4	3	4	3	2	4	2	3	2	5	2	4	0	4	0	3
26	4	3	0	3	2	0	3	3	0	1	3	3	3	2	3	2	3	2	3	2	0	6	5	2	2
27	4	4	0	5	0	4	0	3	2	3	5	0	5	4	0	7	6	3	3	6	3	4	6	2	3
28	7	4	5	4	5	6	5	7	7	7	8	6	6	8	5	3	8	3	6	6	2	5	3	7	6
29	0	4	2	2	2	1	1	3	6	2	2	3	3	2	3	0	6	7	0	7	5	5	3	5	3
30	7	5	5	7	7	6	9	10	11	3	9	2	5	5	7	8	6	0	7	9	6	4	6	6	6
31	6	9	4	8	7	6	0	8	7	4	6	10	7	-	-	0	2	8	7	5	5	-	1	5	5
MEAN	4	4	4	4	4	3	4	5	5	5	5	4	4	4	4	4	5	4	4	4	3	5	4	5	4.2

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA														MONTH - APR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	5	7	8	7	5	4	1	3	2	3	3	3	0	0	3	2	0	0	3	2	2	0	0	3
2	0	0	2	0	0	0	0	2	1	0	0	0	0	0	3	0	5	0	2	5	0	5	3	2	1
3	2	1	2	0	0	0	0	0	1	0	0	1	2	3	0	3	0	0	7	0	5	4	4	3	2
4	***	3	3	3	5	5	6	0	8	2	6	9	7	9	11	13	8	9	4	7	5	3	2	6	
5	1	1	0	1	2	4	4	4	0	0	0	2	2	3	4	***	5	3	1	2	4	7	0	4	2
6	0	6	0	5	5	3	0	0	6	4	3	2	0	0	5	5	4	0	0	3	0	6	6	5	3
7	0	4	0	0	5	3	4	4	3	7	2	2	3	3	2	2	0	2	0	2	2	3	7	3	3
8	6	0	0	0	0	0	3	2	0	0	2	1	2	0	2	0	2	3	3	2	0	0	2	3	1
9	0	4	0	2	0	3	0	3	3	0	0	3	2	2	2	3	2	2	1	5	5	5	0	4	2
10	3	2	0	0	3	3	3	3	0	2	3	2	4	6	5	5	5	7	3	3	4	1	3	5	3
11	3	5	***	***	2	2	3	4	-	0	-	4	2	0	2	3	3	2	3	5	4	***	1	8	3
12	-	4	2	4	3	2	3	3	4	9	-	***	5	4	-	***	4	3	2	3	3	2	6	7	4
13	7	3	4	2	3	3	2	1	0	0	0	0	2	2	2	2	2	3	2	1	5	0	3	2	2
14	3	3	4	1	3	0	3	4	0	3	3	2	1	2	2	1	4	3	1	2	2	3	4	5	2
15	2	3	0	4	2	0	3	0	0	0	2	2	2	0	2	0	0	2	2	1	0	0	3	4	1
16	2	3	0	7	5	4	-	4	0	1	0	-	0	2	0	-	0	2	3	0	-	4	2	-	2
17	2	***	-	3	-	***	0	2	2	3	0	0	-	2	2	1	-	***	2	***	0	***	3	2	***
18	0	4	0	0	2	3	4	-	3	0	0	2	3	3	5	7	2	0	1	2	0	0	7	0	2
19	2	5	0	6	0	5	0	5	3	1	5	4	2	4	3	6	8	6	5	0	2	3	4	3	3
20	1	3	3	3	2	1	2	3	2	4	2	6	2	8	2	1	2	7	3	5	0	2	0	1	3
21	0	4	2	0	0	3	0	4	4	4	4	0	4	2	0	5	0	3	0	3	1	2	2	6	2
22	0	5	4	0	4	2	2	0	2	3	0	1	0	1	0	0	2	2	3	5	3	6	5	9	3
23	5	4	2	7	1	6	2	0	0	2	1	1	0	1	0	2	0	2	2	3	4	4	5	3	2
24	1	2	4	3	3	2	3	5	5	4	4	6	***	4	3	4	4	5	2	14	11	3	3	3	4
25	0	0	0	1	0	3	2	2	4	9	10	11	2	4	9	5	7	8	0	3	2	0	1	1	4
26	0	0	0	***	0	-	0	9	3	4	***	12	5	2	9	5	10	10	2	2	3	2	2	1	4
27	0	0	0	2	-	0	1	0	4	9	***	-	4	2	11	13	***	15	2	4	0	3	2	4	4
28	6	3	6	5	2	2	3	5	3	2	3	6	4	4	11	11	3	-	***	0	4	4	7	21	5
29	13	11	11	5	6	9	7	7	4	3	2	3	2	2	2	1	-	2	2	0	0	2	0	4	0
30	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	2	0	2	2	0	0	0	0
MEAN	2	3	2	3	2	3	2	3	2	2	2	3	2	3	3	4	4	3	2	3	3	3	3	4	2.8

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - MAY 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	0	2	0	1	0	0	0	2	3	4	9	9	10	5	9	7	3	2	0	3	0	2	3	
2	1	0	0	1	2	0	0	2	4	8	7	3	6	4	4	5	8	6	3	0	2	3	4	7	3	
3	4	6	7	5	5	8	0	4	3	7	5	2	3	2	1	2	1	1	1	2	2	0	2	0	3	
4	3	2	4	3	3	3	3	3	3	2	2	1	6	7	3	11	5	0	3	2	3	5	1	3	3	
5	3	2	0	3	3	3	4	6	3	4	***	4	3	6	2	8	4	5	3	2	7	0	6	2	4	
6	2	4	0	3	0	3	2	4	0	3	0	0	1	2	2	5	1	1	1	7	0	5	2	2	2	
7	5	0	5	0	9	5	4	0	1	2	0	0	1	0	2	1	0	0	2	5	1	4	2	2	2	
8	5	0	0	7	0	0	7	2	0	4	5	3	4	3	2	2	2	2	3	5	2	2	5	5	3	
9	4	6	6	4	8	3	6	4	3	4	2	3	3	3	1	0	3	1	4	2	2	0	0	2	3	
10	3	6	3	5	0	4	0	-	***	3	0	9	6	4	5	5	3	3	3	2	0	3	2	4	0	3
11	2	4	0	5	0	4	7	4	4	4	4	6	7	***	6	5	4	7	5	4	3	2	3	4	4	
12	2	3	2	3	3	3	3	4	2	4	4	3	4	2	2	3	3	3	2	3	3	2	2	2	3	
13	0	3	1	2	2	3	3	3	2	3	2	1	2	0	0	0	0	2	0	1	2	2	3	0	2	
14	2	0	2	2	0	2	0	2	0	1	0	1	1	0	2	2	2	2	0	1	1	0	0	0	1	
15	1	0	0	0	0	4	2	6	2	8	3	3	5	11	14	5	4	9	0	3	0	3	0	2	4	
16	0	3	0	3	0	4	11	11	3	7	7	2	10	8	10	14	11	10	9	***	0	3	0	3	6	
17	0	3	0	3	0	5	3	4	7	7	5	4	2	6	3	***	6	9	5	3	5	1	5	1	4	
18	5	3	5	0	***	0	5	2	8	10	8	7	5	4	5	4	3	3	4	4	7	9	10	10	5	
19	9	6	8	9	7	5	5	6	6	***	5	3	3	2	3	3	3	2	2	2	4	7	11	7	5	
20	8	3	4	16	15	8	9	8	7	9	7	8	7	6	3	2	2	4	2	4	0	0	0	0	6	
21	0	0	0	0	0	0	0	2	0	1	0	0	0	0	1	0	0	1	0	0	0	2	0	2	0	
22	0	6	9	11	4	10	0	1	7	7	7	5	2	2	2	2	2	1	0	0	3	4	5	3	4	
23	5	7	5	8	7	6	10	12	7	5	7	7	8	10	8	6	5	7	3	6	5	10	3	2	7	
24	3	3	5	5	6	3	9	16	10	17	8	7	8	11	6	12	5	4	2	4	4	4	6	5	8	
25	7	6	6	9	7	7	13	15	10	9	8	7	5	8	5	4	3	5	13	3	10	8	7	9	8	
26	10	7	7	13	13	12	15	15	21	13	8	5	***	3	4	11	6	4	4	5	7	5	9	7	9	
27	9	***	***	***	***	6	5	***	14	9	-	8	6	3	4	5	2	8	5	5	5	5	6	8	6	
28	10	8	5	5	4	6	5	8	7	6	5	3	3	3	4	5	7	5	3	3	3	3	3	4	4	
29	2	2	2	3	2	2	4	6	7	6	5	3	3	0	2	2	4	3	4	5	4	3	5	2	3	
30	3	3	3	3	6	4	3	5	8	5	0	1	2	0	2	2	4	3	4	5	4	3	3	3	3	
31	4	4	6	4	4	5	6	5	4	3	3	3	4	7	2	2	4	2	1	0	1	2	0	0	3	
MEAN	4	3	3	5	4	4	5	6	5	6	4	4	4	5	4	4	4	4	3	3	3	3	3	3	4.0	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA														MONTH - JUN 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	4	3	4	2	5	4	6	6	9	9	3	7	5	4	3	0	4	3	3
2	5	4	4	8	7	5	5	3	3	3	3	3	3	3	4	3	2	5	9	7	6	0	0	0	4
3	0	0	0	0	0	0	6	9	9	10	6	3	3	3	4	4	2	0	1	3	0	0	0	2	3
4	3	5	5	4	3	8	8	7	3	4	2	5	3	3	4	6	4	6	3	4	6	3	3	0	4
5	0	0	2	3	2	4	3	5	7	14	12	3	9	***	5	3	2	1	0	0	1	3	4	1	4
6	1	1	1	1	2	4	9	8	6	5	6	5	6	5	-	-	3	3	2	2	2	2	3	2	4
7	3	3	3	4	5	6	8	7	7	5	5	6	4	3	3	3	4	3	2	2	2	2	3	4	4
8	5	6	1	4	5	2	5	11	8	7	7	4	9	8	9	10	7	5	9	3	2	0	3	5	6
9	6	5	7	6	7	6	8	7	6	5	4	3	4	7	5	4	2	3	3	0	1	0	1	0	4
10	0	0	3	2	2	4	3	2	3	4	3	7	7	5	5	4	4	3	4	2	3	2	5	3	3
11	5	4	6	5	5	5	6	6	9	5	5	5	5	5	5	4	4	4	4	5	5	5	7	4	5
12	4	3	3	3	3	4	4	4	5	5	9	-	***	3	4	4	4	1	2	0	0	0	0	0	3
13	0	0	0	0	0	1	0	0	1	3	2	7	9	8	9	4	4	3	3	0	2	1	2	2	2
14	0	0	0	0	4	0	2	2	7	6	6	4	2	6	7	6	8	4	3	3	1	0	0	0	3
15	0	2	2	2	5	2	2	2	2	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
16	0	0	2	0	5	2	3	3	3	4	***	9	14	7	11	12	8	8	5	6	5	5	5	7	5
17	5	6	7	7	9	8	7	7	8	6	6	7	6	5	6	5	5	3	4	4	5	7	4	3	6
18	5	5	4	4	5	5	3	2	1	2	1	2	2	1	1	4	0	0	0	0	0	2	3	4	2
19	3	3	3	2	0	0	5	7	2	11	7	4	8	2	5	3	2	3	0	0	0	1	3	3	3
20	5	3	8	3	6	4	5	7	3	3	3	4	6	6	4	3	2	3	2	2	2	2	2	3	4
21	4	5	4	4	3	4	4	3	0	3	4	2	3	8	4	2	5	3	1	0	2	3	3	5	3
22	0	0	2	2	2	2	3	3	2	3	2	3	2	3	2	2	2	2	1	2	3	3	2	2	2
23	1	0	2	0	0	3	15	15	9	17	11	7	***	6	5	0	11	11	4	1	1	0	2	0	5
24	3	4	2	3	3	3	8	4	2	11	2	2	2	2	3	3	2	2	2	0	2	***	0	0	3
25	0	0	1	0	1	1	1	3	4	8	6	6	5	4	6	5	3	4	1	2	3	2	3	2	3
26	2	2	2	2	2	3	6	7	6	4	4	4	3	3	4	2	2	3	2	3	6	4	5	4	4
27	3	3	4	5	4	4	8	9	11	12	6	4	3	3	2	3	2	2	1	0	0	0	0	0	4
28	0	0	0	3	3	2	3	3	3	2	3	3	3	3	2	2	2	3	2	9	10	5	4	2	3
29	2	0	0	0	2	2	2	3	3	3	2	11	5	5	3	2	3	4	4	2	6	5	5	3	3
30	6	5	5	4	2	2	3	3	2	3	3	2	3	2	2	1	2	0	0	0	0	0	0	0	2
MEAN	2	2	3	3	3	3	5	5	5	6	5	4	5	4	5	4	3	3	3	2	3	2	3	2	3.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - JUL 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	4	2	0	1	1	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	1
2	0	0	1	0	0	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	1	2	2	2	2	3	2	2	2	2	3	2	2	2	2	3	2	3	3	2
4	2	2	2	2	1	2	2	3	2	3	3	3	4	3	2	2	2	2	2	1	4	3	2	2	2
5	2	2	3	6	4	7	10	10	8	5	5	4	7	3	3	3	4	5	4	4	4	2	1	1	4
6	6	5	5	3	7	7	4	4	4	6	***	0	4	4	5	4	4	3	5	5	2	4	7	4	4
7	6	6	5	6	5	5	6	9	12	12	6	7	6	7	6	5	5	4	5	4	3	4	5	4	6
8	8	4	4	4	5	3	5	2	0	2	0	1	3	1	0	0	0	0	0	1	0	0	4	2	2
9	4	4	2	3	7	4	3	4	4	4	2	2	4	5	6	3	5	6	5	2	4	7	5	11	4
10	4	0	0	0	0	0	0	2	3	2	2	4	2	0	0	0	0	0	0	0	0	0	0	0	1
11	0	3	1	0	0	2	2	2	2	2	2	2	1	0	2	3	0	0	0	0	0	3	3	5	1
12	8	3	3	2	4	5	11	9	5	2	0	2	3	2	2	5	3	3	2	2	2	2	2	2	4
13	1	2	3	2	4	5	6	6	5	0	***	5	6	9	7	7	8	7	5	5	4	5	5	5	5
14	3	3	1	0	0	0	2	1	0	***	2	3	2	2	2	2	2	2	2	0	0	2	2	2	1
15	2	5	8	7	11	8	8	7	7	6	5	5	6	4	3	3	3	2	0	0	0	0	0	0	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	2	2	3	7	4	1	0	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0
18	2	2	3	5	5	5	6	9	7	8	7	8	10	7	6	6	5	4	4	3	4	***	3	12	6
19	4	4	5	7	7	5	7	9	8	10	11	12	6	8	8	7	5	5	4	5	5	***	4	4	7
20	3	2	2	1	2	2	3	3	3	3	2	2	3	2	7	7	5	9	8	11	5	0	0	0	4
21	0	0	***	***	***	***	***	***	2	***	***	2	3	2	2	2	1	0	0	0	0	0	0	0	1
22	0	0	2	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	1	4	10	4	***	18	0	14	3	3	2	4	4	4	5	7	5	5	5	3	6	2	0	0	5
26	0	0	0	0	2	0	2	2	2	1	2	2	2	2	2	2	1	0	1	0	0	1	***	0	1
27	0	***	0	0	0	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	1	0	0	2	0	0	3	2	2	1	1	1	0	0	2	0	2	2	0	3	3	2	3	2	1
29	0	2	1	3	0	2	2	3	4	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	1	0	0	2	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	3	1	0
31	1	3	0	2	2	5	3	11	6	3	2	2	2	2	2	3	2	3	4	4	3	3	4	4	3
MEAN	2	2	2	2	3	3	3	5	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	2.6

PERCENTAGE OF DATA VALID - 89.7

PERCENTAGE OF DATA INVALID - 10.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH - AUG 78

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.1 COHS/1000 FT

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	10	18
FEB	28	3.7	7	12
MAR	31	4.2	9	17
APR	29	2.8	6	21
MAY	31	4.0	9	21
JUN	30	3.5	6	17
JUL	28	2.6	7	18
AUG	24	3.6	7	29
YEAR	232	3.5	10	29

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	508	196	23	1	0	0	0	728
FEB	444	218	6	0	0	0	0	668
MAR	463	241	27	3	0	0	0	734
APR	551	114	14	1	1	0	0	681
MAY	464	238	23	4	1	0	0	730
JUN	499	196	16	1	0	0	0	712
JUL	527	128	11	1	0	0	0	667
AUG	419	173	17	1	1	0	0	611
YEAR	3875	1504	137	12	3	0	0	5531

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.8	0	0.0	1.3	2.5	4.0	6.9	8.7	10.6	12.0	29	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 14064

CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH - JUL 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 34.0

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 65.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064

CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH - AUG 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	3	0	4	9	5	6	4	2	2	2	3	4	0	3	3	2	2	3	3	2	3
2	2	4	4	4	2	3	3	2	3	5	3	0	2	0	2	2	0	0	0	3	2	2	3	1	2
3	2	2	3	2	3	1	0	0	2	3	2	0	0	2	0	0	4	1	0	0	1	2	3	0	1
4	1	2	3	0	2	2	3	4	1	0	2	0	0	1	0	0	0	3	2	0	2	3	3	0	2
5	3	2	2	1	2	2	7	6	4	2	0	4	2	2	0	2	1	1	2	4	1	1	2	2	2
6	6	5	2	2	2	2	1	3	2	2	2	3	2	2	3	2	1	2	2	2	2	2	2	2	3
7	2	5	4	5	4	1	2	9	4	3	0	3	0	2	2	0	3	2	0	3	5	1	5	0	3
8	1	3	2	2	3	5	4	3	2	2	3	5	0	1	5	2	3	2	2	2	3	3	0	2	2
9	3	3	2	2	3	0	2	2	2	3	2	3	2	3	0	5	0	2	2	2	3	3	3	3	2
10	2	1	2	0	3	0	4	0	2	2	2	3	0	0	0	0	2	2	2	0	3	3	3	3	2
11	0	2	5	2	2	7	7	4	3	5	3	0	4	2	3	0	0	0	7	0	0	2	0	0	2
12	4	3	3	7	7	5	2	4	2	3	0	2	0	2	0	2	0	2	0	2	3	5	5	3	3
13	5	5	0	1	3	7	0	2	2	3	0	0	0	1	2	0	2	2	0	3	3	2	4	2	2
14	7	2	3	2	7	0	6	2	2	2	2	2	2	0	5	1	0	3	0	3	2	4	0	3	3
15	4	1	3	2	3	0	5	3	2	2	0	1	2	2	3	3	3	1	2	2	0	9	2	3	2
16	3	3	1	12	2	0	3	0	0	3	3	3	2	2	0	3	2	0	0	2	0	0	0	3	2
17	2	3	2	2	0	2	0	2	3	0	3	2	3	2	0	2	0	0	0	2	2	0	2	2	2
18	0	0	3	1	0	0	7	2	2	0	4	***	4	0	2	2	5	1	2	3	4	1	4	2	2
19	3	3	5	7	5	2	0	1	1	2	1	3	2	2	1	0	0	2	2	2	1	0	2	1	2
20	1	1	3	0	2	2	0	0	0	2	2	0	0	0	0	2	0	0	0	0	2	2	3	2	1
21	5	10	17	16	0	0	0	3	0	1	0	1	2	3	1	3	2	3	2	3	5	2	3	2	4
22	2	2	2	5	5	6	7	10	7	8	4	3	2	3	4	3	1	2	2	3	9	8	5	4	4
23	2	3	3	4	3	4	5	10	9	10	8	8	3	1	2	3	3	6	4	3	6	5	4	5	5
24	10	7	8	5	3	10	3	8	3	4	5	7	5	4	3	0	3	2	4	2	3	3	2	5	5
25	2	3	0	0	0	0	3	7	2	2	0	0	0	0	2	0	0	0	1	2	0	0	3	0	1
26	3	4	5	3	3	3	3	2	2	0	0	1	2	2	2	4	2	3	2	2	2	2	1	1	1
27	0	0	0	0	0	2	0	0	0	1	2	2	2	2	2	0	2	2	2	2	2	1	2	0	2
28	3	2	2	2	3	2	1	1	5	2	3	0	3	2	1	0	0	0	1	1	1	2	3	3	2
29	2	3	2	2	0	1	3	1	1	1	2	3	3	2	3	0	2	2	0	4	2	2	0	2	3
30	3	0	3	2	3	8	2	1	4	3	6	9	2	3	2	0	2	2	0	4	2	2	0	2	3
31	2	3	0	0	0	0	0	2	3	4	3	3	2	-	-	-	-	-	-	-	-	-	-	-	*****
MEAN	3	3	3	3	3	2	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064

CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH - SEP 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	5	8	2	3	6	9	12	9	2	1	0	0	0	0	5	3	3	3	2	2	0	2	4
2	0	0	4	3	5	4	4	4	5	4	2	2	8	7	6	4	4	5	2	6	4	4	4	0	4
3	4	4	5	4	5	2	5	2	1	2	0	1	3	1	0	0	0	0	0	0	1	3	2	2	2
4	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	1	3	2	2	2	
5	2	2	2	2	2	1	4	3	5	3	3	4	0	3	2	3	2	2	4	6	6	5	7	3	3
6	6	6	4	3	4	4	3	5	4	4	2	0	1	2	0	2	2	2	0	2	3	2	4	3	3
7	3	3	3	3	4	3	4	0	4	3	***	2	3	0	0	0	0	3	0	4	3	3	3	3	2
8	5	3	0	3	0	2	3	6	5	9	12	4	0	2	4	3	2	3	0	2	2	0	0	0	3
9	0	2	0	2	2	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0
10	1	1	0	0	0	3	0	1	1	3	3	3	2	3	3	6	4	2	4	5	5	4	4	3	3
11	5	3	5	6	4	4	5	4	0	0	2	3	3	4	5	4	4	5	5	8	11	8	4	1	4
12	0	0	0	0	0	0	4	1	1	0	1	0	2	2	3	2	4	1	0	0	0	0	0	0	2
13	1	0	0	1	0	0	2	3	2	2	4	2	3	2	0	5	3	4	2	2	2	0	0	0	2
14	2	1	0	0	4	5	5	5	4	4	5	5	-	4	5	3	3	2	-	-	-	2	2	3	3
15	0	4	1	1	0	7	2	-	***	0	0	0	0	0	2	1	2	0	0	4	3	2	3	4	0
16	0	0	1	2	0	2	2	2	2	2	0	0	0	0	0	0	0	4	3	2	1	0	1	0	1
17	1	0	3	0	2	0	0	2	0	2	1	2	0	2	3	5	4	2	4	2	0	0	6	0	2
18	3	3	4	3	2	0	0	2	5	2	4	3	5	7	***	6	6	6	4	4	0	0	0	1	3
19	3	0	0	0	2	3	5	***	7	7	6	9	8	8	5	5	3	6	4	5	7	2	0	4	4
20	0	1	0	2	3	2	3	5	***	7	7	6	9	8	8	5	5	3	6	4	5	7	2	0	4
21	1	3	5	0	0	0	2	0	2	2	2	4	2	2	2	4	3	2	2	0	0	0	0	0	2
22	0	2	0	0	0	0	0	0	2	1	1	2	2	0	2	2	0	2	1	1	3	0	0	0	1
23	0	0	3	0	4	3	3	3	***	2	1	0	3	1	2	0	0	2	3	3	2	2	3	6	2
24	3	5	5	3	4	3	4	6	2	3	3	2	***	2	2	1	2	3	3	6	4	4	3	2	3
25	4	0	0	3	0	***	2	3	0	1	0	0	0	4	1	2	0	2	2	***	3	2	1	1	1
26	7	10	5	5	0	0	4	5	3	2	3	2	5	4	5	4	3	6	3	6	4	4	3	4	4
27	6	5	4	5	6	9	8	6	9	***	5	5	6	4	5	4	3	0	0	0	0	2	0	0	4
28	0	0	0	0	3	2	4	5	3	3	2	2	1	0	1	2	0	0	2	4	2	4	5	4	2
29	4	5	5	5	8	3	9	8	7	4	3	2	3	2	3	1	1	4	3	0	3	4	6	3	4
30	3	3	6	4	5	5	6	6	5	6	3	4	4	7	5	8	3	4	4	6	5	7	4	4	5
MEAN	3	3	2	2	2	2	3	3	3	3	2	2	3	3	3	3	2	2	3	3	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT									
		STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - OCT 78									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	6	3	2	1	1	1	2	0	0	0	0	0	3	0	0	2	3	1	3	5	5	8	
2	8	5	3	3	6	6	13	24	12	3	9	4	3	3	2	3	3	3	1	2	2	2	0	3	5
3	0	3	2	2	3	5	5	6	5	4	4	5	4	***	5	2	7	7	10	8	8	9	5	2	5
4	3	3	5	4	5	3	5	2	3	2	4	2	***	***	0	0	2	2	5	3	4	3	2	3	3
5	6	3	4	3	3	3	2	4	2	5	2	2	2	2	2	2	0	4	3	3	3	4	6	3	3
6	4	0	0	4	2	0	0	0	3	3	0	0	0	0	***	0	0	2	0	2	0	0	0	0	1
7	0	0	0	0	0	3	2	0	2	0	0	0	0	0	0	0	3	2	0	0	0	0	2	0	1
8	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	4	1
9	8	4	2	12	13	10	11	6	***	***	6	5	3	6	2	4	5	2	0	5	9	19	6	8	7
10	6	6	5	5	8	5	***	***	***	***	5	5	***	13	4	***	***	***	***	***	***	***	***	***	***
11	15	18	***	0	***	***	***	***	***	***	***	***	***	***	***	8	5	6	7	3	4	3	2	3	***
12	6	4	5	2	5	3	3	5	4	5	4	8	5	0	0	2	2	2	2	3	3	3	2	3	3
13	4	3	2	2	1	3	6	7	4	4	4	3	4	5	2	3	2	1	4	3	0	2	2	0	3
14	1	0	1	0	2	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3	2	3	4	1
15	3	3	3	3	1	0	0	5	2	2	0	2	1	3	2	2	2	1	3	0	2	3	2	0	2
16	0	0	2	0	2	1	0	3	2	4	1	3	0	2	3	2	3	0	2	2	2	3	0	1	2
17	5	7	13	8	7	9	15	11	13	***	***	8	0	0	4	3	3	3	0	2	5	3	6	6	6
18	2	5	5	4	7	8	5	10	7	5	6	5	5	5	5	6	8	8	10	8	9	9	9	8	7
19	8	3	2	0	3	0	0	5	8	5	3	4	5	***	4	0	0	3	3	5	2	3	3	3	7
20	5	2	6	5	5	3	4	8	7	4	2	2	2	4	0	4	6	8	5	9	8	7	7	7	5
21	7	6	10	9	9	9	10	9	7	6	9	7	0	8	8	3	8	8	6	5	8	8	8	8	7
22	12	9	8	8	10	9	***	***	***	***	8	7	6	6	5	6	8	10	8	7	5	4	0	3	7
23	2	2	0	0	1	0	0	0	0	***	0	0	0	4	0	0	0	0	0	0	1	0	1	0	0
24	0	2	3	4	4	4	5	7	6	3	5	7	6	2	3	3	0	5	3	1	5	5	3	4	4
25	5	4	4	2	6	5	7	7	11	7	10	6	6	6	6	6	5	7	6	4	5	4	6	7	6
26	6	3	6	3	0	0	1	4	4	0	2	0	0	0	3	1	2	2	2	0	2	0	0	0	2
27	2	3	2	1	0	3	3	3	10	12	10	4	1	2	2	2	2	4	5	4	1	2	6	4	4
28	8	5	7	4	5	2	3	4	4	0	0	2	1	0	0	1	0	0	2	2	5	2	0	3	3
29	2	2	0	3	0	0	2	3	4	2	0	2	1	0	0	0	0	1	6	2	2	2	3	2	2
30	2	0	2	0	5	3	0	5	5	5	3	4	5	6	6	5	6	7	7	8	9	8	8	10	5
31	7	7	9	10	13	12	11	11	13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	4
MEAN	4	4	4	3	4	4	4	5	5	3	3	3	2	3	3	2	3	3	4	3	4	4	3	4	3.5

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - NOV 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	3	4	4	5	9	11	8	15	4	6	4	3	0	0	3	4	4	5	5	6	5	5	
2	11	8	8	7	8	6	6	8	8	9	8	6	6	6	4	5	5	9	11	11	12	11	10	10	8	
3	10	10	11	10	13	8	14	19	12	15	13	11	8	10	10	9	10	10	14	15	19	17	14	16	12	
4	13	13	13	17	13	13	14	14	15	10	10	9	9	10	12	12	8	18	9	8	7	6	6	6	11	
5	5	9	10	11	13	13	13	13	13	9	11	11	7	9	8	8	11	12	15	15	9	9	7	7	10	
6	9	9	7	9	3	2	2	2	1	3	2	0	4	3	3	3	0	0	2	3	5	3	4	4	4	
7	2	0	0	0	0	0	0	2	3	2	0	3	3	1	0	3	0	0	0	2	0	4	8	5	2	
8	3	2	5	5	3	7	5	9	14	8	6	4	6	10	11	7	3	7	8	7	5	4	6	3	6	
9	5	6	4	2	1	4	2	4	6	0	4	5	5	7	8	11	5	7	4	5	7	7	9	6	5	
10	7	8	8	9	9	7	7	10	9	11	12	11	9	8	9	5	7	8	5	7	9	7	8	9	8	
11	9	10	12	7	8	9	10	8	6	11	10	12	14	6	7	7	9	4	2	3	0	0	0	0	7	
12	0	0	0	2	0	3	3	0	0	0	0	2	1	1	2	2	2	1	4	0	2	4	1	2	1	
13	1	1	0	0	4	5	0	5	2	5	4	4	4	8	9	9	9	7	9	6	9	9	10	8	5	
14	9	9	7	5	2	7	3	2	4	4	4	2	0	4	4	3	2	2	2	0	2	1	0	0	3	
15	0	1	2	3	4	4	4	2	4	5	3	2	0	2	4	3	2	3	6	7	10	8	7	8	11	
16	6	8	8	6	3	4	3	7	16	***	3	3	3	0	3	1	3	5	5	6	3	3	5	3	5	
17	3	2	3	3	2	2	3	4	3	7	2	2	2	3	4	3	3	3	0	0	0	1	2	0	2	
18	2	2	0	0	0	2	2	1	2	2	3	2	2	3	3	2	2	3	3	3	3	4	4	5	2	
19	8	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
20	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	***	***	***	2	0	2	1	0	1	0	***
21	0	0	0	0	0	0	0	3	3	2	2	2	2	3	3	0	3	3	4	3	3	3	2	1	2	
22	1	1	1	2	2	2	2	4	5	5	6	3	3	3	5	4	5	7	5	6	6	5	5	3	4	
23	2	3	3	4	4	5	6	7	8	9	8	6	7	5	4	4	4	4	3	6	5	4	4	4	5	
24	3	5	3	3	3	2	3	3	10	5	8	4	4	4	2	2	2	2	2	2	2	3	3	3	4	
25	3	2	2	1	2	3	2	4	3	3	***	5	6	1	2	2	3	4	2	2	2	2	2	0	2	
26	0	2	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	1	3	2	2	2	2	2	1	
27	0	3	0	0	1	0	4	2	1	5	4	***	***	4	3	3	5	4	5	3	2	2	4	7	3	
28	3	2	0	3	2	4	5	3	4	4	6	6	2	0	0	2	1	3	3	2	2	2	3	3	3	
29	2	3	2	4	4	3	3	6	5	7	8	7	4	6	5	4	5	5	3	3	3	3	3	3	4	
30	2	2	1	0	0	0	1	3	0	0	0	2	4	0	0	1	2	3	6	***	4	2	3	5	2	
MEAN		4	4	4	4	4	4	6	6	6	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH - DEC 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	5	3	3	3	5	6	5	7	****	****	8	6	6	4	4	7	2	3	2	4	2	0	4
2	0	0	1	1	0	0	1	2	3	3	0	0	2	2	0	3	1	2	4	5	3	4	4	4	2
3	0	4	0	0	1	1	0	0	0	0	2	1	2	6	5	6	2	4	3	4	0	4	5	5	2
4	2	1	3	4	2	2	0	4	2	4	****	4	3	3	2	0	2	2	3	3	3	5	4	3	3
5	3	3	3	4	2	2	0	3	6	4	4	4	3	6	5	3	4	4	3	6	4	3	2	4	4
6	3	4	5	6	3	18	3	4	8	5	0	8	1	3	4	5	2	2	4	2	2	0	0	0	4
7	2	2	1	0	0	0	2	3	3	1	4	4	3	4	4	4	4	4	5	7	7	9	9	10	4
8	8	9	6	5	2	0	0	0	0	0	0	2	0	0	3	2	2	1	0	0	0	0	0	0	2
9	0	0	0	0	0	2	0	0	0	5	2	0	3	0	0	0	0	0	2	2	0	0	0	0	1
10	0	1	1	4	1	0	0	0	0	2	0	0	3	0	0	1	0	0	2	3	4	2	4	0	4
11	3	4	3	3	3	3	4	5	6	5	5	6	5	****	****	****	****	6	4	3	3	3	2	3	4
12	4	3	2	0	4	3	2	0	3	2	0	2	3	4	4	2	2	0	2	2	1	0	5	4	2
13	4	3	2	5	2	2	8	9	****	3	0	3	2	0	4	2	1	0	2	0	2	0	0	0	2
14	0	0	0	0	0	0	3	2	4	2	1	2	****	****	****	****	5	3	-	-	-	-	-	-	****
15	-	-	-	-	-	-	4	-	****	6	0	3	1	3	3	3	0	5	3	3	2	4	5	2	3
16	4	3	5	8	7	6	8	4	11	9	9	7	6	5	6	6	6	7	9	5	5	6	2	6	1
17	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	2	1	2	2	0	2	0	2	4	1
18	4	3	2	2	3	1	3	4	5	7	****	5	3	3	3	2	6	3	0	0	0	0	0	2	3
19	0	0	2	3	0	0	2	0	3	4	3	5	2	4	4	2	3	2	3	2	3	1	4	2	2
20	0	2	2	2	1	4	0	4	3	4	****	****	4	6	5	4	3	4	6	4	3	0	2	2	3
21	3	3	3	1	2	0	0	0	2	2	0	0	1	0	0	0	0	2	0	1	0	0	3	4	1
22	2	4	3	4	3	3	8	7	3	4	4	3	2	0	2	2	4	0	0	0	2	0	2	3	3
23	2	2	3	2	1	1	0	4	3	4	2	5	2	0	2	4	6	4	0	4	2	1	3	3	3
24	2	0	7	3	3	5	3	1	2	3	5	3	6	4	4	5	10	6	8	7	7	5	9	6	5
25	6	3	4	****	3	3	0	0	3	0	3	0	0	2	7	7	2	2	2	0	0	0	4	4	2
26	***	0	***	****	4	6	4	5	3	2	3	0	3	2	0	2	3	0	3	2	***	0	3	0	3
27	0	2	2	2	3	6	0	0	-	****	****	0	3	3	3	2	11	2	4	4	3	6	3	4	3
28	3	4	3	2	2	2	3	4	7	10	13	11	7	7	2	2	2	3	9	7	5	5	4	3	5
29	3	2	2	2	2	2	3	3	6	5	5	-	-	-	4	6	0	3	4	5	4	5	7	5	4
30	3	7	8	5	7	9	9	11	11	12	11	11	11	7	11	9	8	12	11	16	12	9	10	17	10
31	22	9	7	8	6	7	5	4	4	4	3	3	6	5	5	7	7	9	9	7	8	5	4	-	7
MEAN	3	3	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 94.5

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA UNAVAILABLE	
FEB			DATA UNAVAILABLE	
MAR			DATA UNAVAILABLE	
APR			DATA UNAVAILABLE	
MAY			DATA UNAVAILABLE	
JUN			DATA UNAVAILABLE	
JUL	10	2.5	5	13
AUG	30	2.3	5	17
SEP	30	2.5	5	14
OCT	29	3.5	7	24
NOV	28	4.6	12	19
DEC	30	3.2	10	22
YEAR	157	3.2	12	24

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	204	45	4	0	0	0	0	253
AUG	649	80	1	2	0	0	0	732
SEP	581	120	5	0	0	0	0	706
OCT	470	211	19	2	1	0	0	703
NOV	409	215	51	6	0	0	0	681
DEC	538	147	14	3	1	0	0	703
YEAR	2851	818	94	13	2	0	0	3778

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.6	0	0.0	1.1	2.1	3.5	6.7	8.6	10.9	12.7	24	3.2

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JAN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	6	***	1	2	0	0	0	1	0	2	3	3	3	4	3	0	4	0	1	0	5	0	3	2
2	2	5	0	2	0	3	1	0	2	2	2	0	5	0	4	2	3	10	3	0	4	0	8	3	3
3	5	0	5	0	0	3	***	6	4	4	0	5	2	0	2	3	0	7	0	4	1	11	3	3	3
4	4	0	11	***	2	***	12	0	6	0	5	3	6	0	4	***	4	3	5	4	3	5	4	5	4
5	4	6	7	1	4	7	***	6	9	9	11	8	7	0	8	9	8	8	8	***	-	-	3	7	7
6	***	7	5	7	5	7	4	***	7	4	5	3	4	7	9	4	3	1	7	0	***	1	7	3	5
7	2	5	0	2	4	2	5	2	3	4	3	6	***	6	4	7	7	9	4	5	3	6	4	5	4
8	6	***	3	4	3	2	3	5	4	3	5	4	5	4	3	3	2	0	0	0	0	2	0	3	5
9	2	0	0	2	0	2	0	3	0	0	0	1	0	0	3	2	3	3	0	3	0	3	0	2	1
10	0	2	0	0	2	0	3	0	3	***	1	0	2	***	2	0	2	0	8	0	0	0	0	1	1
11	0	0	2	0	1	2	0	2	***	2	4	3	7	2	6	2	5	***	5	***	5	2	2	3	3
12	2	0	4	3	6	5	7	5	11	5	4	6	5	5	-	4	6	7	7	5	***	7	5	5	5
13	5	3	2	4	4	5	6	9	6	***	6	5	4	2	3	3	2	3	4	0	0	3	4	0	4
14	2	0	2	0	2	0	0	2	0	1	2	0	0	1	2	***	0	0	0	0	0	0	0	0	1
15	2	4	2	2	2	0	1	3	0	2	3	3	0	0	3	0	1	4	3	3	3	2	3	4	2
16	3	4	0	0	2	6	0	4	7	12	0	6	3	3	3	3	2	5	3	1	5	5	10	12	4
17	12	12	11	10	2	7	0	4	2	5	6	2	3	0	2	***	2	2	2	3	2	2	0	0	4
18	3	***	0	1	0	0	2	3	0	3	0	3	0	2	0	1	0	3	4	3	0	4	3	6	2
19	4	3	2	4	3	3	5	9	3	5	5	2	1	0	4	0	0	0	3	0	0	1	0	0	2
20	4	0	0	2	0	2	1	0	2	3	0	1	1	0	***	2	0	2	2	0	0	0	2	0	1
21	3	5	0	0	2	2	0	4	6	0	0	0	2	***	***	2	2	0	2	4	3	6	4	3	2
22	5	4	1	4	3	0	2	4	4	3	5	3	8	2	4	3	3	4	4	2	8	0	0	4	3
23	4	4	4	1	3	4	6	7	12	1	5	0	8	3	4	6	3	7	4	4	3	7	4	10	5
24	0	7	***	9	0	8	3	12	3	8	5	1	6	6	6	6	5	5	***	***	5	6	4	5	5
25	3	4	3	4	4	4	***	5	5	6	0	4	2	6	3	4	***	***	2	5	***	6	0	0	4
26	4	2	0	0	0	4	0	2	4	0	***	***	-	3	2	0	5	-	-	0	5	***	3	***	2
27	0	0	5	0	2	3	11	0	4	0	0	8	0	6	0	0	0	2	0	0	2	0	0	4	2
28	0	5	0	5	0	3	0	3	0	0	2	0	0	0	2	0	0	0	0	2	0	4	0	4	1
29	0	4	0	5	0	3	0	2	8	0	2	0	0	3	0	0	3	0	0	0	0	0	1	0	1
30	0	0	3	0	0	0	0	3	0	0	6	4	0	0	0	4	2	3	2	0	7	0	4	12	2
31	0	7	2	9	3	9	4	8	4	9	3	4	5	3	3	2	1	6	10	***	3	***	2	4	5
MEAN	3	3	3	3	2	3	3	4	4	3	3	3	3	2	3	3	2	3	3	2	2	3	3	3	2.9

PERCENTAGE OF DATA VALID - 94.1

PERCENTAGE OF DATA INVALID - 5.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - FEB 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	6	0	5	0	4	0	6	0	3	0	5	1	0	4	2	7	2	7	2	0	****	13	2	3
2	5	5	3	5	3	9	7	***	8	11	6	4	5	6	8	***	***	***	12	5	0	6	8	0	6
3	2	1	1	0	3	0	3	10	7	12	7	8	3	0	5	0	3	0	***	0	4	***	3	2	3
4	5	2	5	3	3	0	8	12	12	6	3	0	6	0	6	0	***	7	3	7	9	4	9	4	5
5	3	4	2	0	6	2	8	0	0	7	0	5	3	2	2	5	0	5	8	0	3	3	0	0	3
6	2	***	0	4	0	3	0	5	4	***	0	4	0	4	2	0	***	0	0	3	0	3	0	3	2
7	7	3	***	0	3	0	3	0	2	***	14	6	2	2	2	1	4	0	3	1	0	5	5	1	6
8	8	1	0	1	9	5	1	12	2	11	4	6	6	8	3	0	3	2	4	***	5	3	2	0	***
9	0	***	***	***	***	***	***	***	***	***	2	0	2	0	2	4	3	0	4	***	5	3	7	5	4
10	2	4	0	3	4	3	9	7	3	6	3	4	9	2	***	5	1	3	6	3	7	3	7	5	4
11	5	1	2	6	***	0	2	7	2	4	3	6	1	2	1	0	3	2	2	2	3	0	5	0	3
12	1	3	***	0	2	2	***	0	***	0	4	0	0	2	2	0	0	0	***	3	0	0	3	0	1
13	0	3	3	0	0	***	2	2	8	6	0	2	0	4	***	3	4	0	5	5	0	5	13	0	3
14	0	4	2	0	3	3	0	4	7	0	2	3	0	2	0	0	2	3	0	4	9	9	0	10	3
15	17	11	2	8	18	16	14	10	6	7	8	***	7	3	3	5	7	4	3	10	4	6	11	5	8
16	2	8	4	3	11	***	7	13	7	5	***	10	2	3	4	8	5	7	5	6	7	4	4	7	6
17	3	1	***	14	0	8	1	5	9	6	***	7	4	4	3	4	5	6	8	9	7	6	14	***	6
18	5	11	15	6	9	***	5	6	6	9	5	7	6	8	5	5	***	3	4	7	3	4	4	13	7
19	11	7	6	12	11	8	12	14	19	9	0	0	2	2	2	3	1	0	2	4	7	9	9	3	6
20	9	6	7	3	8	0	9	11	9	12	5	9	6	8	8	-	-	***	3	4	7	6	3	7	7
21	8	3	9	9	9	5	14	***	28	25	12	9	0	***	***	3	3	3	0	4	5	0	0	4	7
22	0	4	3	0	***	3	1	9	***	7	***	2	0	1	0	0	1	***	8	2	0	6	2	3	3
23	6	2	3	***	***	9	5	15	9	9	6	5	5	6	4	4	5	7	5	5	5	2	6	8	5
24	5	5	5	5	2	3	6	5	4	5	4	***	8	6	4	4	4	4	3	4	0	8	6	5	5
25	4	5	3	3	7	4	4	4	6	4	5	***	7	3	0	5	***	3	4	3	3	3	3	***	4
26	4	2	0	0	3	2	0	0	0	2	1	0	1	3	1	1	2	4	***	10	0	***	6	3	7
27	1	3	1	0	4	0	2	5	2	0	1	0	1	3	1	1	2	4	***	10	0	***	6	3	7
28	4	3	7	7	0	5	3	11	13	8	0	4	5	***	0	4	3	3	3	5	5	5	14	4	5
MEAN	4	4	3	4	5	4	5	7	7	7	3	4	4	3	3	3	3	3	4	4	4	4	5	4	4.2

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 8.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - MAR 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	5	4	6	6	2	3	4	3	0	1	2	0	4	3	2	1	1	3	4	0	2	7	3
2	5	5	3	9	0	5	14	10	6	6	4	0	-	2	2	8	2	5	4	7	9	7	18	7	6
3	3	-	-	0	0	8	4	2	-	2	3	1	3	1	3	4	2	1	2	1	3	2	3	2	2
4	0	4	0	0	4	0	0	0	0	0	0	0	0	1	1	0	0	3	0	3	2	5	3	0	1
5	2	0	0	0	***	4	2	5	0	0	2	***	2	3	3	2	3	6	7	0	1	3	5	0	2
6	5	0	6	***	0	7	4	***	12	7	4	7	0	2	4	4	0	3	2	2	3	8	4	6	4
7	3	6	0	6	0	2	4	2	***	2	5	5	2	3	2	2	***	2	1	0	4	0	6	0	3
8	0	0	4	0	7	0	10	4	0	4	3	3	2	3	2	3	0	***	3	5	6	6	9	9	4
9	9	11	14	7	9	5	14	18	26	14	6	***	5	3	6	3	6	4	5	5	6	9	5	6	9
10	6	5	10	4	11	17	3	5	9	6	4	4	3	5	0	5	4	3	5	0	3	***	2	5	5
11	7	7	4	5	0	3	4	6	7	6	10	3	9	14	8	11	10	***	11	11	12	15	16	17	9
12	12	11	9	9	7	8	8	6	4	4	4	0	4	2	2	2	1	0	3	2	2	4	3	3	5
13	3	5	8	0	3	7	6	5	***	4	***	3	6	9	7	3	6	5	5	5	5	7	7	5	5
14	6	4	4	3	3	***	5	5	7	5	3	0	1	7	***	6	6	5	4	2	0	0	3	4	4
15	3	3	2	3	2	1	2	4	2	6	0	2	3	3	3	3	2	0	0	0	2	1	0	5	2
16	0	0	4	0	0	7	0	0	0	2	3	5	***	2	5	0	4	5	4	3	6	3	0	2	2
17	2	5	0	0	1	5	2	3	6	4	9	0	0	3	0	5	5	0	0	0	0	3	5	0	2
18	1	2	4	4	0	0	13	0	3	0	0	4	***	2	2	3	5	5	10	0	3	2	3	2	3
19	17	0	0	2	1	3	2	3	0	2	0	0	0	0	0	0	0	0	4	0	1	1	1	2	2
20	0	1	***	5	3	3	***	9	2	4	0	0	4	0	***	3	4	0	3	0	3	3	4	8	3
21	3	8	11	1	7	4	8	***	7	3	3	6	3	***	1	2	5	5	0	5	3	2	0	1	4
22	2	2	2	1	2	2	4	5	6	5	***	3	4	4	4	5	6	4	7	2	7	2	6	0	4
23	3	3	3	0	0	2	2	2	5	12	3	2	5	2	2	2	2	2	0	2	3	4	***	3	3
24	0	0	0	2	1	0	0	0	1	2	0	0	0	1	2	0	0	2	1	0	1	4	0	0	2
25	0	0	2	3	3	0	2	2	0	4	***	0	3	0	0	1	6	4	0	2	2	2	2	2	2
26	2	3	2	***	0	2	***	0	0	0	2	1	2	4	3	3	2	2	4	2	2	3	3	4	2
27	2	2	2	3	2	2	0	3	3	0	4	0	***	2	2	4	2	4	6	8	5	7	0	4	4
28	2	0	2	2	1	2	1	3	6	6	6	4	***	3	8	5	6	8	0	2	2	3	4	3	2
29	3	0	3	2	2	0	2	3	2	3	0	3	0	3	3	2	2	3	3	3	4	3	4	7	3
30	3	3	2	3	3	3	5	0	8	3	3	3	3	3	2	2	3	3	3	4	3	4	4	7	3
31	6	5	7	5	8	10	5	7	7	3	***	3	3	-	-	3	3	3	6	0	6	-	5	6	5
MEAN	4	3	4	3	3	4	4	4	5	4	3	2	2	3	3	3	3	3	3	3	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SW NO 15001															MONTH - APR 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	****	5	4	3	4	4	5	5	4	4	3	3	0	0	0	0	0	****	0	0	0	2	3	
2	0	0	0	0	0	0	0	0	0	0	1	2	2	3	0	2	2	0	0	3	5	0	2	2	1
3	0	0	0	0	2	2	7	0	3	0	0	2	3	4	3	2	2	0	3	4	3	3	5	6	2
4	****	5	3	4	4	4	4	6	7	8	5	7	8	7	6	6	8	9	6	3	2	0	4	0	5
5	1	2	2	2	1	2	2	0	2	2	0	2	2	2	2	2	2	0	0	1	2	5	8	7	2
6	4	3	3	8	4	3	1	2	2	3	3	2	2	3	0	4	2	4	2	3	4	1	0	6	3
7	5	4	5	0	2	3	0	0	7	3	2	3	3	2	0	0	6	2	0	0	0	2	2	0	2
8	1	0	0	0	0	2	0	0	2	0	2	0	0	0	1	0	0	0	0	1	3	6	3	2	1
9	3	2	2	0	0	0	2	0	1	0	0	2	2	2	2	2	0	2	5	0	5	3	2	-	2
10	0	6	0	0	2	2	0	3	****	3	4	****	0	4	4	3	2	4	7	3	6	4	4	6	3
11	6	4	****	****	3	3	6	3	-	0	-	0	1	6	1	2	2	0	0	3	0	****	0	0	2
12	-	5	2	2	0	1	0	2	3	3	-	****	0	5	-	****	1	0	4	0	3	0	3	3	2
13	3	3	0	1	0	0	1	1	0	2	2	0	2	1	0	0	1	1	4	0	4	2	0	0	1
14	0	0	0	2	1	0	1	0	2	2	0	1	1	0	2	2	2	0	0	0	0	0	0	2	1
15	2	2	2	3	4	0	****	0	0	0	1	0	0	0	0	0	1	0	0	0	2	3	3	2	1
16	3	3	2	2	****	4	-	2	0	0	0	-	0	0	0	-	0	0	0	-	3	2	-	1	1
17	0	****	-	0	-	****	2	4	****	3	0	0	-	0	0	1	-	****	1	****	1	****	4	5	****
18	4	1	0	3	3	3	3	-	4	2	3	2	3	2	5	5	1	0	0	1	2	2	3	2	2
19	3	3	1	0	3	2	3	2	5	3	0	2	0	2	4	1	3	3	****	2	2	1	5	3	2
20	0	3	4	2	0	0	0	1	2	0	3	3	1	2	1	2	3	0	0	0	0	0	0	0	1
21	1	0	0	0	4	1	2	2	2	0	0	2	0	0	5	0	2	2	0	0	2	0	2	2	1
22	2	2	3	3	0	2	1	3	0	1	0	0	0	0	2	0	1	5	2	2	2	5	6	7	2
23	5	3	10	7	3	3	3	3	1	2	2	0	0	0	3	0	1	0	2	2	10	5	5	2	3
24	2	3	3	3	2	3	3	4	5	3	3	5	3	0	3	4	0	3	0	1	2	3	0	0	2
25	0	2	0	3	4	0	0	1	3	****	2	2	0	1	1	0	0	3	0	4	3	2	2	0	1
26	0	5	5	****	0	-	2	2	2	1	****	5	0	0	2	****	4	0	3	2	4	4	5	3	3
27	4	2	0	-	2	0	3	4	2	****	-	1	0	0	0	2	****	0	2	1	2	0	2	1	2
28	0	0	0	0	0	2	3	1	1	0	3	0	0	0	1	1	0	-	****	2	2	3	3	3	1
29	6	5	7	8	7	2	2	3	0	2	1	3	0	1	3	0	-	-	0	0	3	1	2	0	3
30	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	1	0	0	0	0	0	1	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2	2	3	3	1.9

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SW NO 15001															MONTH - MAY 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	2	0	3	2	0	0	0	0	0	0	1	2	2	2	1	0	0	0	2	0	2	1
2	0	0	0	0	0	0	2	11	0	0	1	0	0	0	0	0	2	0	0	2	2	0	0	2	1
3	2	0	2	0	3	4	6	3	0	0	2	0	0	2	0	2	0	0	3	0	0	4	1	0	1
4	3	0	3	3	2	3	2	2	0	0	0	4	0	3	0	2	0	0	0	2	2	2	0	2	1
5	0	2	0	2	0	3	2	2	4	5	2	***	2	0	3	4	2	4	4	4	0	4	3	0	2
6	4	0	0	0	2	2	2	2	2	2	2	2	0	1	2	2	1	2	0	5	2	4	6	7	2
7	4	4	0	4	3	6	5	5	5	0	0	0	0	0	2	5	0	4	2	2	4	2	0	2	2
8	2	2	2	2	2	3	4	5	2	9	0	3	3	4	1	3	3	4	0	3	1	3	***	2	3
9	4	3	4	5	3	3	8	5	5	3	0	1	2	0	3	0	1	-	2	0	0	0	2	0	2
10	0	0	0	0	0	0	0	-	***	0	2	0	1	0	0	0	1	0	2	2	5	7	6	4	1
11	3	2	2	2	2	3	5	***	5	3	6	4	4	3	3	4	-	4	5	4	6	5	4	4	4
12	3	2	3	2	5	3	6	0	3	6	5	2	1	3	3	4	3	6	2	3	3	3	3	2	3
13	1	3	2	4	3	4	3	3	3	3	2	3	1	5	0	2	3	1	2	2	2	1	1	2	2
14	0	0	0	0	0	0	0	0	1	0	1	4	1	0	2	4	0	1	0	0	0	0	3	0	1
15	0	0	0	0	0	0	0	2	4	1	2	0	2	1	2	0	0	0	0	0	0	1	2	0	1
16	2	2	0	1	2	2	0	1	0	2	3	2	2	0	0	0	0	1	2	2	2	2	3	0	1
17	1	0	0	0	1	0	2	3	2	1	1	2	2	4	***	2	2	1	2	2	3	4	3	4	2
18	4	6	7	4	4	6	9	4	3	3	1	2	2	2	2	3	3	2	1	0	4	0	6	4	3
19	5	7	7	8	8	8	15	7	5	3	3	3	2	***	2	2	2	2	0	2	3	7	9	7	4
20	4	4	5	6	6	5	6	5	6	5	4	4	4	5	3	3	1	2	3	2	2	1	0	2	4
21	0	0	0	0	0	2	0	1	0	0	1	0	0	0	2	0	***	***	0	2	1	2	3	2	1
22	6	2	4	5	5	4	8	5	3	0	2	0	1	1	0	1	1	2	2	3	5	9	9	10	4
23	14	5	7	7	6	8	7	3	5	4	3	5	2	4	4	4	4	4	4	7	6	7	8	13	6
24	5	8	7	5	4	5	7	7	6	6	4	4	3	***	6	4	3	5	3	4	5	***	6	7	5
25	5	5	5	6	5	8	5	7	6	6	3	3	2	3	2	3	3	2	4	4	5	8	9	15	5
26	13	14	13	15	17	16	17	13	10	7	5	6	5	5	7	7	6	6	7	9	12	13	14	10	7
27	16	***	***	***	15	***	11	9	13	-	6	5	5	5	3	2	2	2	2	5	8	8	9	7	4
28	6	9	7	6	6	6	5	4	5	4	5	5	6	4	4	5	2	3	1	2	3	3	3	4	4
29	3	4	4	5	5	6	6	5	4	4	6	6	5	3	3	2	2	3	3	5	5	7	6	4	4
30	4	4	3	3	3	6	10	8	7	7	7	***	0	4	5	4	3	3	4	3	4	4	2	2	4
31	3	2	2	3	3	5	5	5	3	4	1	2	2	1	1	1	1	2	0	2	2	1	1	2	2
MEAN	4	3	3	3	4	4	5	4	4	3	3	2	2	2	2	3	2	2	2	3	3	4	4	4	3

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON															MONTH - AUG 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	4	4	5	6	5	5	4	3	3	3	3	3	3	2	2	3	4	5	4	3	
2	3	3	3	4	3	4	5	6	5	5	4	4	4	6	3	4	3	3	2	3	3	5	3	3	4
3	3	2	1	0	0	2	2	2	2	1	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1
4	0	0	0	0	0	0	0	1	0	2	0	2	0	0	0	0	2	0	0	0	2	4	3	4	1
5	4	6	5	5	4	4	4	9	4	2	0	2	2	0	0	1	0	0	0	2	2	2	4	3	3
6	4	5	5	4	4	4	3	2	2	1	2	2	2	2	3	2	1	1	1	1	6	5	5	6	3
7	5	5	3	3	2	3	2	3	3	0	2	2	3	3	3	2	3	4	4	3	3	3	3	3	3
8	3	3	4	4	4	3	4	4	5	4	4	3	5	4	7	4	0	2	2	2	2	2	3	3	3
9	3	3	3	2	4	4	5	4	3	4	3	3	4	5	3	2	2	2	0	2	3	1	0	0	3
10	0	0	1	1	0	4	9	2	0	0	2	1	0	0	0	0	1	1	0	0	3	2	1	3	1
11	4	2	3	6	6	6	10	9	3	3	1	0	0	1	0	2	2	2	3	2	3	3	3	5	4
12	4	5	5	7	5	5	4	6	6	5	5	3	3	3	3	3	4	2	5	3	4	4	4	7	4
13	7	6	7	5	6	7	4	4	3	3	0	0	0	0	0	0	2	2	2	2	3	5	4	5	4
14	4	5	4	7	7	10	13	14	9	7	5	5	4	4	3	5	2	3	4	3	4	7	7	5	6
15	4	4	4	5	4	5	5	6	5	5	6	5	4	3	3	3	2	2	2	2	3	3	3	3	4
16	3	2	2	3	3	4	3	2	3	3	3	3	3	3	5	3	2	2	2	2	2	3	3	3	3
17	2	2	2	3	0	3	1	3	2	2	1	1	0	0	3	0	0	0	0	1	3	3	5	7	2
18	4	5	3	3	6	6	6	5	2	4	3	4	4	3	7	4	3	4	4	4	4	4	4	4	4
19	4	4	5	17	4	4	3	3	2	2	3	2	3	3	3	0	-	-	-	0	0	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
21	0	0	0	0	4	4	3	3	2	2	2	2	1	0	1	2	1	0	3	3	5	5	8	2	1
22	7	8	8	8	10	12	13	9	5	5	5	4	4	4	4	4	4	4	7	7	10	7	8	7	7
23	7	8	10	10	13	17	25	21	12	9	9	6	7	6	7	7	5	6	8	7	7	8	7	6	10
24	7	7	7	7	7	12	11	9	14	14	14	6	6	6	4	3	5	4	5	4	4	4	4	3	7
25	3	2	1	2	2	4	5	6	6	4	3	1	0	2	2	2	2	1	0	0	0	2	3	2	2
26	7	3	3	2	4	4	4	3	3	2	2	2	1	0	1	2	2	2	2	2	2	3	2	3	3
27	2	2	2	2	1	3	3	3	2	2	3	2	2	1	2	3	3	3	3	3	2	2	2	2	2
28	3	2	5	6	3	4	3	4	4	4	6	3	4	4	2	3	3	3	2	0	0	0	0	1	3
29	0	0	2	0	1	2	2	2	3	2	2	1	0	1	1	2	0	0	1	4	3	6	6	11	2
30	6	6	7	9	14	13	16	21	13	6	3	2	2	2	3	-	-	-	5	9	5	6	4	8	8
31	3	2	2	1	1	2	3	3	2	1	2	0	0	0	1	1	0	0	0	2	2	2	2	2	1
MEAN	3	3	4	4	4	5	6	6	4	4	3	3	3	2	3	2	2	2	2	2	3	3	3	4	3.4

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON															MONTH - SEP 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	4	2	4	5	6	2	0.000	2	2	1	0	0	0	2	2	3	3	3	4	3	7	3
2	9	10	7	8	9	10	9	8	4	4	2	4	4	4	3	2	3	3	4	4	6	6	5	4	6
3	3	7	5	4	4	7	4	4	4	4	3	3	2	1	0	0	0	0	0	0	0	0	2	2	2
4	2	2	0	3	4	5	6	5	4	1	0	0	0	0	0.000	1	0	1	2	4	3	3	2	5	2
5	3	0	3	4	5	6	6	4	3	2	3	2	2	2	3	4	4	6	4	6	6	6	6	4	6
6	6	5	5	5	6	9	9	7	9	7	7	0.000	5	5	6	5	4	4	4	4	6	6	5	4	6
7	4	4	5	5	6	7	7	7	5	6	5	3	3	4	6	5	5	7	7	6	5	5	5	4	6
8	0	0	1	0	2	0	3	4	3	3	4	4	6	4	6	5	0	5	6	4	4	5	4	3	3
9	1	0	0.000	2	0	0	3	0	0	3	2	2	2	2	3	0	0	1	3	2	2	3	2	3	2
10	2	0	2	0	2	0	1	2	3	4	3	3	2	3	3	6	3	5	5	6	5	5	6	10	3
11	5	8	5	5	5	6	8	7	8	6	19	6	6	6	0.000	8	7	6	6	7	4	4	4	4	7
12	2	2	0	2	2	0	0	1	1	2	0	2	0	2	2	3	3	4	4	3	2	2	3	3	2
13	3	3	2	2	0	0	2	3	3	0	0	2	2	3	0	2	1	2	3	3	2	0	2	2	2
14	2	4	2	2	2	2	4	6	5	3	4	4	-	5	5	6	5	4	-	-	-	3	2	2	4
15	0	0	3	1	1	3	4	-	0	1	2	2	0	3	3	3	4	5	4	3	3	4	4	4	3
16	4	3	2	2	2	2	3	1	1	0	0	0	1	0	3	0	2	2	2	3	3	2	3	5	2
17	3	3	2	1	1	2	0	1	2	2	0	0	1	2	2	2	2	2	2	3	3	2	3	1	2
18	14	2	2	4	3	2	3	3	4	4	0	2	4	5	2	2	2	3	2	2	2	3	0	7	4
19	3	2	2	4	3	0	3	4	3	6	0	4	3	4	4	3	3	4	4	3	0	5	0	3	3
20	3	3	3	2	4	3	5	9	6	0.000	0.000	9	9	11	0.000	5	3	3	4	6	5	4	4	6	7
21	6	5	4	4	4	5	6	3	2	2	2	2	3	3	1	2	1	1	0	0	2	0	0	0	2
22	0	1	0	0	0.000	3	5	4	1	0	0.000	0	0	0	0	0	0	0.000	0	2	4	0.000	3	2	1
23	1	3	2	3	2	5	5	6	6	4	1	1	1	0	0	1	0	0	1	0	3	3	0.000	3	2
24	4	0	4	3	5	5	3	5	3	3	3	2	0.000	2	3	3	3	3	4	4	4	4	3	3	2
25	1	0	0	0	0	0	0.000	1	0.000	0	0	3	2	0	0	0	0	0	2	0.000	2	3	4	5	1
26	3	6	2	3	2	4	12	14	8	2	0	2	2	2	3	3	3	4	4	4	4	4	4	4	4
27	8	7	7	3	5	6	7	6	5	4	3	3	0.000	3	5	7	4	3	2	0.000	0	0	0	0	4
28	0	0	0	0	0	0	3	4	4	4	2	2	2	0	1	0	0	0	2	0	3	3	6	13	2
29	11	10	6	3	4	5	11	14	8	3	1	3	2	3	0	2	2	3	5	2	4	3	3	4	5
30	6	4	4	4	4	6	8	7	6	5	6	6	7	7	6	5	4	3	5	5	3	3	3	4	5
MEAN	4	3	3	3	3	4	5	5	4	3	3	3	3	3	2	3	2	3	3	3	3	3	4	4	3.2

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON															MONTH - DEC 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	7	7	7	8	****	7	****	0	7	3	8	6	4	8	2	7	0	3	
2	4	0	2	2	****	1	3	3	2	0	0	4	4	0	****	4	2	0	2	6	6	4	****	0	
3	3	3	5	2	6	****	0	****	0	0	10	1	2	3	8	9	11	6	5	****	3	3	3	3	
4	****	3	2	****	0	1	2	4	5	0	****	4	5	7	4	****	7	2	0	0	2	0	6	2	
5	8	0	****	2	3	4	3	6	****	0	5	13	5	4	0	4	7	7	1	0	3	4	5	5	
6	0	5	4	7	7	5	5	7	10	10	8	4	2	6	5	0	6	3	6	2	6	11	4	0	
7	0	3	3	14	10	6	2	0	2	5	6	****	2	6	****	6	5	12	7	****	8	10	11	15	
8	8	6	8	7	****	5	6	0	3	4	4	7	0	2	5	4	0	0	****	4	7	4	2	0	
9	0	0	3	4	****	1	0	3	****	3	2	4	0	0	0	2	3	10	2	2	2	3	3	****	
10	3	3	3	12	3	0	6	****	5	0	3	0	0	0	0	0	1	****	0	3	4	2	1	0	
11	0	0	3	4	7	12	0	5	4	5	3	4	5	****	****	3	5	5	6	6	6	4	0	4	
12	5	6	6	2	0	3	****	6	****	6	2	2	****	5	0	6	12	0	5	9	6	1	3	5	
13	4	3	****	4	4	****	0	****	6	6	5	****	****	3	8	0	3	5	3	3	0	0	0	0	
14	2	1	2	2	0	3	1	3	5	3	0	0	4	****	5	****	2	****	-	-	-	-	-	-	****
15	-	-	-	-	-	-	-	-	-	5	8	0	0	****	****	13	2	0	3	****	6	6	3	0	****
16	6	9	0	****	0	****	6	7	****	8	****	9	2	4	10	4	9	3	9	5	9	1	8	1	
17	2	3	3	0	0	2	6	5	2	0	0	2	****	0	0	0	4	****	0	2	3	4	3	1	
18	0	0	1	3	3	5	7	****	8	1	1	6	7	0	6	0	0	3	3	2	2	2	2	2	
19	****	7	0	0	0	0	0	3	5	9	0	****	3	2	4	2	5	4	3	3	4	4	5	4	
20	****	7	9	4	8	5	****	5	2	****	****	****	****	3	5	3	6	6	6	7	10	5	0	6	
21	7	7	0	0	4	3	4	5	0	0	4	5	6	0	****	8	0	0	5	5	7	0	0	4	
22	5	5	4	7	7	6	1	0	4	17	7	8	0	3	6	0	6	7	0	6	6	2	0	4	
23	4	5	0	0	4	4	6	4	0	3	4	5	0	2	3	4	2	4	7	10	0	8	6	12	
24	****	4	7	6	5	0	0	0	0	3	0	7	6	****	5	8	0	6	7	2	4	8	8	0	
25	7	9	0	****	7	0	2	3	6	****	5	5	0	****	****	0	5	0	0	0	1	3	4	7	
26	****	0	0	****	0	2	5	7	1	5	2	0	0	2	3	6	7	0	0	2	****	3	5	3	
27	6	3	2	0	****	0	3	8	-	****	9	4	0	0	5	0	0	0	0	3	7	4	7	5	
28	3	1	0	****	0	0	0	4	6	9	13	0	3	1	0	11	****	0	6	8	8	12	6	7	
29	6	6	11	7	3	0	0	0	0	4	4	-	-	-	0	0	0	0	0	2	2	2	0	2	
30	0	0	0	0	0	4	5	4	5	5	5	7	10	5	4	12	15	5	13	4	7	11	0	7	
31	11	0	6	10	3	9	11	11	3	12	13	2	10	12	5	8	11	0	8	7	0	6	0	-	7
MEAN	4	3	3	4	3	3	3	4	4	5	5	4	3	3	4	4	5	3	4	4	5	4	3	4	3.8

PERCENTAGE OF DATA VALID - 88.0 PERCENTAGE OF DATA INVALID - 9.3 PERCENTAGE OF DATA UNAVAILABLE - 2.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT								
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON																								
MONTH	NO OF DAYS					AVERAGE CONCENT					24-HOUR MAXIMUM					MAXIMUM READING								
JAN	31					2.9					7					12								
FEB	27					4.2					8					28								
MAR	31					3.4					9					26								
APR	29					1.9					5					10								
MAY	31					3.1					10					17								
JUN	30					2.5					6					13								
JUL	31					2.4					5					17								
AUG	31					3.4					10					25								
SEP	30					3.2					7					19								
OCT	31					3.5					7					18								
NOV	30					4.7					14					33								
DEC	29					3.8					7					17								
YEAR	361					3.2					14					33								

## MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	533	153	14	0	0	0	0	700
FEB	368	205	33	4	2	0	0	612
MAR	508	175	18	6	1	0	0	708
APR	603	69	0	0	0	0	0	672
MAY	543	161	16	4	0	0	0	724
JUN	552	139	6	0	0	0	0	697
JUL	625	101	4	1	0	0	0	731
AUG	554	150	13	3	3	0	0	723
SEP	512	162	8	1	0	0	0	683
OCT	466	223	9	2	0	0	0	700
NOV	418	222	53	11	4	2	0	710
DEC	401	226	27	1	0	0	0	655
YEAR	6083	1986	201	33	10	2	0	8315

## FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION. 70	PERCENT 90	95	98	99	MAX	ARITH MEAN
94.9	0	0.0	1.0	2.3	3.7	6.5	8.4	11.1	13.3	33	3.2

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JAN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	1	2	0	2	0	0	0	0	2	2	3	1	2	1	2	3	3	2	0	0	0	1
2	0	0	0	1	0	2	0	0	1	0	0	0	0	1	1	2	2	2	1	2	2	1	0	2	1
3	2	2	2	3	2	3	3	3	2	0	3	0	0	0	0	2	0	1	0	2	1	0	0	2	1
4	2	1	2	3	2	***	0	2	6	6	4	5	7	4	5	3	3	3	3	4	3	3	4	3	3
5	4	3	3	3	4	5	6	5	4	6	5	5	4	5	5	6	5	4	4	5	6	-	-	3	5
6	5	6	6	7	8	6	4	5	2	2	2	3	3	2	0	0	0	0	2	0	2	1	1	0	3
7	2	2	3	2	2	2	3	3	2	2	3	5	4	3	3	3	3	3	3	3	5	6	7	6	3
8	6	4	4	3	2	2	0	3	3	1	1	0	2	1	0	0	0	0	2	0	0	0	0	0	2
9	0	1	0	0	0	0	0	3	3	1	1	0	2	1	0	0	0	0	2	0	0	2	0	0	1
10	0	3	0	0	0	2	2	0	2	2	11	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	4	***	0	2	3	*****
26	0	2	3	0	3	3	0	2	3	0	***	***	***	***	0	2	0	2	-	0	0	0	2	1	1
27	0	0	0	0	2	0	0	3	0	0	2	0	0	0	0	2	0	0	1	0	2	1	2	2	1
28	3	4	2	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	0	1
29	2	1	0	2	2	0	1	1	0	0	2	1	0	0	0	2	3	0	0	0	2	0	0	0	1
30	3	0	0	0	0	0	0	2	0	0	0	3	2	0	5	2	2	1	2	0	0	3	3	3	1
31	1	3	5	5	3	4	5	2	3	5	5	7	4	6	3	***	4	2	4	0	3	3	3	3	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	1.9

PERCENTAGE OF DATA VALID - 49.3

PERCENTAGE OF DATA INVALID - 49.9

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT													
		STATION - MC NO 22071					EXPERIMENTAL FARM SIMCOE						MONTH - FEB 78													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		0	4	4	3	3	1	2	2	2	0	0	2	2	0	3	3	2	0	3	4	2	2	2	3	2
2		5	2	1	6	2	3	4	3	3	4	3	1	4	4	6	7	5	5	7	5	2	3	0	3	4
3		3	2	0	4	3	4	4	3	3	3	0	2	2	0	3	2	0	3	0	***	0	0	2	1	2
4		3	2	2	3	4	4	2	2	4	***	***	0	0	3	3	3	5	2	3	0	0	5	4	1	3
5		2	4	4	5	5	4	4	3	5	3	4	3	4	3	3	2	3	3	2	0	0	2	0	0	3
6		0	3	1	1	0	0	0	0	0	0	2	2	2	0	0	2	2	0	0	1	0	***	0	0	1
7		0	0	0	2	0	2	2	0	0	0	2	0	0	0	0	0	2	1	0	3	3	0	0	2	1
8		1	0	0	0	1	2	1	3	0	2	0	4	3	6	6	1	0	2	1	2	2	1	4	3	2
9		2	3	4	5	3	2	0	4	3	2	3	2	2	2	0	0	0	0	0	2	***	***	2	3	2
10		0	2	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11		- DATA INVALID -																								
12		- DATA INVALID -																								
13		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	2	0	0	3	1	2	0	0	***
14		0	0	1	2	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	5	5	6	7	7	6	6	5	***
16		4	4	5	6	7	8	8	7	6	5	4	0	0	4	4	5	5	5	4	4	5	5	6	5	5
17		5	3	2	3	4	5	5	5	3	4	3	2	2	3	2	2	3	3	5	5	5	6	5	6	4
18		5	***	4	4	3	***	3	4	4	5	3	3	2	2	2	3	4	6	4	4	4	3	4	3	4
19		3	3	3	2	3	2	2	2	2	2	1	3	3	1	0	0	2	3	5	5	6	4	5	5	3
20		6	5	5	6	7	6	7	6	7	7	5	4	3	5	4	4	3	2	3	3	3	3	3	4	5
21		5	5	5	5	4	4	4	5	4	5	5	4	3	2	4	3	3	4	4	***	7	4	3	4	4
22		0	0	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	2	1
23		2	2	3	3	***	***	7	9	-	5	5	4	3	4	3	4	4	4	4	5	5	3	4	5	4
24		5	6	6	5	5	5	5	5	4	3	3	4	3	8	4	3	1	1	2	2	2	2	0	2	4
25		3	3	3	2	3	4	2	3	3	4	2	3	3	4	0	2	3	2	2	1	0	0	1	2	2
26		2	1	3	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
27		0	3	2	2	2	2	0	1	3	0	1	0	0	0	0	0	0	2	2	2	2	1	***	3	1
28		2	2	2	2	2	1	2	2	2	2	2	2	2	***	3	3	3	3	4	4	4	5	5	4	3
MEAN		2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	3	3	2.6

PERCENTAGE OF DATA VALID - 81.0

PERCENTAGE OF DATA INVALID - 18.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT											
STATION - MC NO 22071															EXPERIMENTAL FARM SIMCOE											
															MONTH - MAR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	4	4	5	5	6	5	6	5	3	2	2	0	1	0	0	0	0	0	0	0	1	0	1	2	
2	2	2	1	1	2	2	2	3	2	2	2	0	2	3	0	0	1	2	2	2	2	2	2	3	2	
3	2	2	2	3	6	4	3	2	2	3	2	2	-	1	3	2	2	2	2	0	2	0	1	0	2	
4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	0	
5	***	***	9	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	3	3	3	2	2	1	
6	2	3	2	3	4	3	3	4	4	4	4	4	4	3	2	2	4	2	1	2	1	3	3	3	3	
7	3	3	3	3	3	3	3	2	2	3	3	2	2	2	3	3	2	3	4	3	2	2	2	2	3	
8	3	3	5	5	5	5	6	5	5	5	2	2	2	0	0	0	0	0	0	1	2	2	2	2	3	
9	2	3	3	4	4	4	4	5	6	6	5	3	3	3	3	3	2	2	3	2	3	4	3	3	3	
10	3	5	4	5	4	5	3	6	6	5	6	7	9	7	6	7	6	5	5	6	9	7	7	4	6	
11	5	5	4	4	3	3	3	3	3	3	5	8	7	7	8	8	8	9	8	9	9	9	9	9	6	
12	9	9	9	9	8	9	9	9	8	6	5	4	3	2	3	2	1	1	1	0	2	2	3	3	5	
13	3	3	2	2	3	2	3	4	1	2	***	0	3	4	3	4	4	3	5	6	4	4	4	4	3	
14	4	4	5	4	6	5	4	3	3	4	3	3	2	***	***	***	4	4	4	3	5	4	4	3	4	
15	3	3	2	2	1	2	0	1	1	2	1	2	2	2	2	2	2	2	0	2	1	2	2	2	2	
16	1	0	0	0	0	1	2	0	1	3	4	3	2	2	2	3	2	4	4	2	2	1	1	2	2	
17	2	2	2	3	2	2	2	1	1	2	1	1	1	0	2	3	2	3	3	2	1	1	0	2	2	
18	2	2	2	3	2	3	2	2	2	2	0	2	0	0	1	2	3	2	2	2	2	1	0	2	2	
19	3	3	2	2	3	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	
20	2	2	0	2	0	0	2	2	0	2	0	0	1	0	0	0	0	3	3	2	3	3	3	3	1	
21	3	3	4	4	4	2	2	3	4	3	3	3	2	3	5	5	6	5	5	3	2	2	2	2	3	
22	2	4	3	1	2	2	4	3	3	3	2	3	2	4	4	4	6	4	3	3	3	3	3	2	3	
23	3	0	1	3	4	2	3	2	2	2	0	1	0	0	0	0	0	0	0	2	2	2	3	0	1	
24	1	0	1	1	2	0	1	2	0	1	2	2	2	2	3	2	2	2	2	2	2	2	3	1	2	
25	2	1	2	0	1	2	2	1	2	2	0	1	0	1	1	2	2	2	2	1	1	2	2	2	1	
26	1	2	2	2	2	2	2	1	3	2	0	2	2	3	2	3	3	2	3	2	2	2	1	2	2	
27	3	3	2	2	2	0	1	2	2	2	1	1	0	2	1	1	1	2	2	1	2	2	1	2	2	
28	2	4	3	3	3	2	2	3	4	3	3	3	3	3	3	4	***	3	2	***	***	***	***	***	3	
29	- DATA INVALID -																									
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	2	2	2	2	3	***
31	2	4	3	4	2	3	4	3	3	3	***	3	3	-	-	3	5	3	3	2	2	-	2	4	3	
MEAN	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3	2	2	2.5	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - JUN 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	2	2	2	1	0	0	1	1	1	0	0	3	2	2	3	3	3	0	4	4	5	2
2	5	4	4	4	4	4	4	6	3	2	1	1	2	0	2	1	2	2	2	2	3	3	3	2	3
3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2	2	1
4	2	3	2	2	2	3	2	1	0	1	2	2	3	2	1	0	2	1	2	4	3	4	3	4	2
5	5	3	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1
6	1	2	2	2	2	2	3	2	0	0	0	0	1	0	-	-	0	1	1	1	4	4	3	3	2
7	2	2	3	3	5	6	6	6	6	3	6	5	4	4	3	4	3	3	2	2	3	2	2	4	4
8	2	2	1	2	2	3	3	3	2	2	4	2	2	2	1	1	1	2	2	2	2	2	1	1	2
9	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	0	1	2	2	2	1	1
10	2	2	1	2	2	2	1	0	3	0	0	0	2	2	2	2	2	1	3	5	7	6	6	6	2
11	4	4	4	6	5	6	6	5	3	2	2	0	2	3	2	***	2	2	3	3	3	3	3	3	3
12	5	4	4	4	4	4	4	3	6	4	4	-	***	3	4	3	2	3	1	0	0	2	1	0	3
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0
14	0	0	2	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
15	1	2	0	2	2	2	2	2	3	3	2	3	2	3	2	0	1	1	2	2	4	4	4	3	2
16	3	3	3	3	4	4	3	2	1	1	1	2	3	2	***	3	5	3	3	3	4	4	4	4	3
17	5	5	5	5	7	6	9	6	3	6	7	5	4	4	5	5	5	5	4	6	4	4	4	4	5
18	5	5	4	4	4	3	3	4	5	3	2	2	1	1	2	2	0	1	0	2	1	2	2	2	3
19	2	2	1	1	2	2	2	2	3	0	2	0	3	6	2	2	0	1	0	1	0	6	2	1	1
20	1	2	3	2	2	2	2	1	1	1	3	2	3	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	9	4	3	2	2	2	3	3	2	3	2	0	2	1	3	3	3
22	4	3	2	2	2	2	0	0	0	2	0	0	0	1	1	0	1	2	2	2	2	0	0	3	1
23	1	2	2	2	3	2	0	0	2	0	0	1	***	2	2	***	***	***	***	***	***	***	***	***	1
24	***	***	***	4	6	5	0	3	4	2	***	***	***	2	***	0	16	2	2	2	2	2	2	3	3
25	3	2	4	3	2	3	2	3	3	3	5	5	7	5	3	4	4	4	5	5	5	4	5	5	4
26	4	4	5	4	5	6	4	4	***	***	3	***	3	3	***	***	***	***	***	2	3	2	2	2	4
27	2	2	3	4	5	4	4	7	8	***	4	5	4	8	4	2	2	3	3	0	0	1	1	1	3
28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0
29	3	3	2	2	3	4	4	6	2	2	1	0	1	0	0	0	0	0	1	0	2	2	2	2	2
30	2	2	2	2	2	3	4	3	2	2	3	2	0	0	0	3	2	2	2	3	2	2	1	0	2
MEAN	3	2	2	2	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2.2

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																										
POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE													MONTH - AUG 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	2	1	2	2	2	4	2	4	15	3	3	3	6	4	2	3	2	2	3	4	4	4	3	4	
2	3	3	3	4	4	4	6	5	5	4	3	4	5	3	4	3	3	5	4	4	3	2	2	2	4	
3	2	3	0	2	2	2	3	3	3	***	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	
4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	1	1	0	0	
5	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	2	3	2	2	2	1	
6	1	1	2	1	2	2	2	2	1	2	2	2	2	2	3	3	4	3	3	7	4	3	3	3	3	
7	3	4	4	3	6	4	4	5	3	2	3	3	3	3	3	4	3	2	5	2	3	2	3	3	3	
8	3	3	3	3	2	2	3	3	2	0	3	3	4	5	4	3	2	5	2	3	2	2	3	3	3	
9	3	3	3	3	3	3	3	3	4	3	3	4	3	3	5	3	0	2	1	2	1	1	0	2	3	
10	1	0	0	0	0	0	1	0	0	2	1	0	2	1	2	1	2	1	0	0	1	1	0	3	1	
11	2	2	2	1	2	2	3	3	2	3	1	2	2	0	2	2	2	2	4	1	2	2	3	6	2	
12	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	3	3	2	
13	3	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
14	***	***	***	***	***	***	8	4	3	3	3	3	2	2	2	3	2	2	3	3	3	3	2	4	3	
15	2	3	2	3	5	3	3	4	5	4	4	4	3	4	3	4	3	2	1	4	2	3	2	3	3	
16	2	3	3	3	3	3	3	3	3	1	3	4	3	2	2	2	2	0	0	2	0	1	***	***	2	
17	2	2	2	3	2	2	2	2	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	2	1	
18	***	***	***	***	***	***	2	2	1	0	3	2	2	2	1	1	2	2	1	2	3	2	2	3	2	
19	3	3	4	3	7	5	3	3	3	3	3	3	2	2	4	4	-	-	-	***	***	5	0	0	3	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	***	***	***	***	***	0	
21	***	***	***	***	***	***	***	***	***	3	2	2	2	2	2	2	3	1	2	3	2	2	3	2	***	
22	2	0	3	2	4	5	4	3	0	3	3	3	3	4	3	2	2	3	4	4	3	4	3	4	3	
23	5	4	5	4	5	5	8	7	6	5	5	6	5	5	6	5	5	5	6	7	7	7	7	7	6	
24	6	7	8	7	5	5	5	6	5	5	4	4	6	6	6	5	5	5	5	6	7	3	1	5	5	
25	2	0	1	2	2	3	4	3	4	4	4	3	3	3	2	2	2	4	3	3	4	3	2	3	3	
26	1	2	2	2	3	3	3	2	2	2	1	0	1	5	3	2	2	1	3	2	2	3	0	0	2	
27	3	3	3	6	5	5	3	3	2	2	2	2	2	2	1	0	0	0	0	1	2	0	0	0	2	
28	1	1	2	2	5	6	5	3	2	2	2	2	2	2	2	3	3	2	2	1	0	0	0	0	2	
29	0	0	0	2	0	2	2	2	***	7	2	2	2	2	0	0	0	0	0	1	1	3	2	3	1	
30	3	3	2	3	3	5	5	5	3	2	2	2	0	2	3	-	-	-	***	3	3	4	3	3	3	
31	3	5	4	2	2	3	3	3	5	3	2	2	1	3	2	1	1	0	2	2	1	1	2	1	2	
MEAN	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 7.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT																			
STATION - WC NO 22071															EXPERIMENTAL FARM SIMCOE										MONTH - SEP 78									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	2	2	2	3	3	2	2	2	2	6	2	3	2	4	3	3	3	1	0	6	10	26	14	3	5									
2	11	15	3	2	4	4	4	2	2	2	2	2	3	4	3	4	4	2	3	4	4	7	3	4	4									
3	4	4	5	6	4	3	3	3	3	3	4	4	4	2	2	1	2	0	1	0	0	0	0	0	2									
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	6	4	1	3	1	1									
5	0	2	1	1	1	2	2	4	***	3	6	4	5	3	3	3	2	2	3	3	4	3	3	3	3									
6	3	3	3	3	4	7	9	8	8	9	8	5	8	8	6	6	7	5	7	4	3	4	4	4	6									
7	3	4	6	6	7	6	7	7	7	5	5	6	8	***	4	5	4	4	3	2	0	0	1	1	4									
8	0	1	0	0	1	0	1	2	0	1	1	2	0	0	2	2	2	3	5	6	4	4	4	3	2									
9	3	3	3	3	3	3	2	2	2	2	0	1	3	0	0	0	0	0	0	1	2	3	3	1	2									
10	2	2	2	2	2	2	2	2	2	1	0	2	2	2	3	4	2	3	3	3	3	3	4	5	2									
11	3	6	5	6	5	5	5	5	3	7	6	6	6	6	5	8	***	***	16	6	5	9	6	5	6									
12	4	3	2	2	2	2	0	***	2	0	0	0	0	0	***	0	0	3	1	0	1	1	2	1	1									
13	2	2	0	0	0	0	0	1	2	1	2	0	2	2	2	3	2	1	2	0	2	2	3	2	1									
14	3	4	3	3	5	3	4	4	4	5	8	6	-	5	5	6	4	5	-	-	-	5	5	5	5									
15	2	2	1	0	2	3	4	-	***	3	3	8	3	2	2	3	3	3	2	3	7	3	3	3	3									
16	3	5	4	4	4	4	4	3	2	2	0	0	0	0	0	1	1	0	0	0	2	2	0	2	2									
17	3	4	2	2	2	2	1	2	1	2	***	3	1	1	1	2	3	2	2	1	2	2	1	2	2									
18	0	0	1	***	2	1	***	0	2	2	***	1	1	1	1	1	1	0	2	1	2	1	4	3	2									
19	1	0	1	5	5	5	4	4	4	4	5	6	6	4	6	5	5	4	4	4	3	3	3	5	4									
20	4	5	4	4	5	5	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***									
21	***	***	***	***	***	***	***	***	***	1	3	4	4	2	0	0	0	0	0	0	0	0	0	0	0	***								
22	0	0	0	0	0	0	1	1	0	***	0	1	2	2	1	1	3	2	2	1	2	0	1	4	1									
23	5	2	2	2	3	3	2	2	1	0	0	0	0	0	3	0	0	0	0	1	3	2	1	2	2									
24	2	2	2	2	2	2	2	2	3	1	1	2	2	***	0	1	2	3	6	3	2	3	2	2	2									
25	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0	3	***	3	0	4	0	1									
26	1	1	2	0	1	1	1	0	3	0	0	0	2	0	0	0	0	1	3	2	3	2	3	2	1									
27	5	4	5	6	6	5	5	4	4	3	3	3	3	4	2	2	2	3	3	2	2	0	0	0	3									
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0									
29	2	2	2	2	2	2	2	2	0	1	0	0	0	0	0	0	0	1	1	0	8	2	1	0	1									
30	3	0	2	1	2	2	2	3	3	2	3	2	2	2	3	3	3	2	1	0	2	0	2	0	2									
MEAN	3	3	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2.4									

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT																			
STATION - WC NO 22071															EXPERIMENTAL FARM SIMCOE										MONTH - OCT 78									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	4	2	2	1	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1									
2	0	0	0	0	0	0	1	3	0	2	1	0	0	0	0	0	2	1	2	3	4	5	5	4	3	2								
3	2	2	2	2	2	2	3	***	***	***	***	***	***	***	***	3	5	2	2	2	3	3	4	1	0	2								
4	0	0	2	0	0	0	1	1	2	0	0	0	1	***	0	0	0	0	3	3	3	3	3	2	2	1								
5	2	1	1	1	2	3	3	5	3	2	2	2	2	2	2	2	2	2	3	2	2	3	0	0	2	0								
6	0	1	2	0	0	0	1	0	2	4	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0								
9	2	0	1	2	0	1	1	1	1	***	***	0	0	0	1	1	2	1	3	3	3	2	2	3	3	1	0							
10	3	3	3	3	3	3	3	***	***	***	3	4	2	3	3	4	3	-	***	7	5	7	4	5	4	4								
11	3	3	4	6	7	7	7	8	8	6	5	5	***	0	***	***	***	***	***	***	***	***	***	***	***	***	***							
12	***	***	***	***	***	***	***	***	7	4	4	4	3	3	3	5	5	5	5	7	3	2	3	2	3	4								
13	2	2	0	0	2	2	2	2	3	2	3	4	3	3	3	2	2	4	4	3	2	1	0	0	0	2								
14	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	1	2	0								
15	3	1	2	2	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	3	7	3	2	1	1								
16	2	3	4	5	4	2	1	3	3	1	0	0	0	0	0	0	0	0	1	0	2	3	2	4	3	2								
17	2	2	2	3	3	3	3	3	2	2	0	2	0	0	0	0	0	0	3	5	4	2	1	0	***	2								
18	***	2	3	2	5	5	3	5	5	4	4	5	3	4	3	4	4	4	5	6	7	6	6	5	4	4								
19	6	6	6	6	7	6	7	7	7	5	4	3	2	2	2	3	4	5	4	5	3	3	1	0	4	4								
20	1	1	0	2	2	2	2	2	3	3	0	0	1	0	0	0	3	3	3	4	4	4	3	3	2	2								
21	2	4	5	3	4	5	6	6	5	5	4	3	4	4	4	3	4	5	4	4	4	4	5	4	4	4								
22	4	5	4	5	4	4	4	4	4	4	3	4	3	3	3	4	5	5	5	4	5	5	5	5	4	4								
23	5	5	4	3	3	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1								
24	0	0	0	0	0	0	3	***	***	0	0	0	0	0	0	0	2	2	2	2	2	2	3	3	2	1								
25	2	2	3	3	3	4	5	4	4	4	4	4	4	3	4	4	3	4	3	3	3	2	4	3	3	3								
26	2	3	2	3	3	3	4	2	2	1	1	0	0	0	0	0	2	0	0	0	0	2	1	1	1	1								
27	0	0	0	0	0	0	3	2	4	3	3	5	2	2	0	0	2	2	2	0	3	2	2	2	2	2								
28	3	3	3	3	3	4	4	4	4	3	2	1	2	0	1	1	2	0	1	0	0	0	0	0	0	1								
29	0	0	1	0	0	1	0	0	0	0	1	2	0	0	1	3	3	6	7	3	4	3	3	4	3	3								
30	2	2	2	3	2	2	0	3	2	2	2	1	2	1	3	3	5	4	4	7	3	4	3	3	4	3								
31	4	6	4	5	5	6	7	9	9	7	6	7	6	7	6	5	4	4	4	3	3	2	2	2	3	5								
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2.1								

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	1.9	5	11
FEB	22	2.6	5	9
MAR	29	2.5	6	9
APR	30	1.5	4	15
MAY	31	2.4	6	12
JUN	29	2.2	5	16
JUL	23	2.1	6	18
AUG	29	2.4	6	15
SEP	28	2.4	6	26
OCT	30	2.1	5	9
NOV	30	3.5	10	18
DEC	22	2.4	5	13
YEAR	318	2.4	10	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	328	38	1	0	0	0	0	367
FEB	449	95	0	0	0	0	0	544
MAR	607	79	0	0	0	0	0	686
APR	636	37	2	0	0	0	0	675
MAY	613	113	1	0	0	0	0	727
JUN	603	66	0	1	0	0	0	670
JUL	514	52	0	1	0	0	0	567
AUG	607	75	1	0	0	0	0	683
SEP	575	95	3	1	1	0	0	675
OCT	619	86	0	0	0	0	0	705
NOV	515	172	23	2	0	0	0	712
DEC	468	71	1	0	0	0	0	540
YEAR	6534	979	32	5	1	0	0	7551

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.2	0	0.0	0.4	1.6	2.6	4.6	5.9	7.6	8.8	26	2.4

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
		STATION - WC NO 27013						PS VICTORIA/LEADER NIAGRA FLS						MONTH - JAN 78													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	3	3	0	0	0	0	2	2	1	2	2	2	3	4	3	3	3	2	5	0	0	2	2	2	
2	8	7	3	6	8	2	3	0	3	2	2	2	2	5	3	2	0	0	3	3	0	0	0	0	0	3	
3	1	1	1	1	1	0	2	3	3	3	0	0	0	6	7	4	4	2	2	6	6	1	2	2	2	3	
4	2	2	3	5	1	***	2	3	3	3	5	4	5	3	5	21	2	3	3	2	2	3	4	4	4	10	
5	9	10	12	10	5	5	6	7	5	9	11	13	6	13	5	8	5	5	9	30	37	3	3	3	4	5	
6	13	7	8	11	6	2	4	3	4	5	4	4	3	3	2	3	2	4	5	3	3	3	3	3	4	6	
7	3	5	5	3	2	2	4	6	5	6	8	7	6	5	5	5	9	8	7	9	10	12	12	11	6	5	
8	9	6	3	3	2	2	2	2	0	2	1	1	3	2	2	2	4	4	4	3	3	2	2	0	3	3	
9	0	2	1	1	2	1	0	2	3	5	4	6	5	8	3	2	2	0	0	1	0	2	2	2	2	2	
10	2	3	5	6	5	12	9	7	6	***	6	3	2	2	2	***	0	1	3	2	0	0	0	0	1	4	
11	3	1	0	0	0	0	0	1	***	2	2	1	2	0	2	2	2	3	3	3	3	3	5	3	2	2	
12	2	3	3	2	2	4	3	3	3	3	3	3	4	6	6	6	5	6	5	7	13	8	7	10	5	5	
13	9	8	4	7	0	3	5	4	6	***	7	5	4	4	5	6	5	5	3	3	0	1	2	1	4	4	
14	0	0	0	0	0	0	0	0	***	0	1	4	0	0	0	0	0	1	2	0	0	0	0	0	0	0	
15	0	1	2	3	2	3	2	2	2	2	0	2	3	1	2	2	0	2	2	2	2	1	2	1	2	2	
16	2	0	2	1	***	1	1	0	3	2	5	2	3	4	6	4	4	3	3	4	5	4	8	12	3	3	
17	7	10	7	6	***	7	16	12	11	8	***	5	5	4	***	5	4	4	***	0	***	1	1	3	6	3	
18	2	***	3	2	0	0	0	0	0	0	0	0	0	0	1	6	***	8	6	11	14	8	6	8	4		
19	7	5	6	5	4	5	5	6	8	9	7	4	3	0	***	***	1	0	4	0	0	1	0	0	0	0	
20	***	0	0	***	***	***	***	1	***	2	2	2	2	2	2	2	2	2	1	1	0	2	0	2	1	1	
21	0	0	0	0	0	0	2	2	2	5	2	6	2	6	4	2	3	2	3	3	3	2	***	4	2	2	
22	5	4	4	4	3	2	2	4	4	5	6	5	0	0	0	4	4	3	1	2	0	0	3	3	3	3	
23	3	4	4	4	3	5	5	5	3	4	9	4	7	5	4	***	5	6	8	11	11	10	10	7	6	8	
24	8	9	8	***	7	8	8	6	7	8	7	6	8	7	7	7	8	9	9	8	8	10	8	5	8	3	
25	5	7	5	6	5	7	7	9	12	14	9	12	7	6	0	4	***	***	7	6	***	4	3	5	7	6	
26	4	3	2	2	0	2	2	6	3	3	***	***	2	3	4	3	4	1	1	0	2	5	0	2	3	3	
27	2	0	0	0	0	***	0	1	2	0	2	3	2	1	2	2	1	1	0	2	5	0	2	3	3	1	
28	***	0	3	2	2	2	2	3	8	8	4	3	2	8	***	4	1	4	3	2	3	2	***	0	3	3	
29	0	0	0	0	0	1	***	0	1	3	2	2	3	4	3	2	2	2	2	5	15	9	2	10	7	3	
30	2	2	3	0	2	2	3	2	3	3	8	8	5	9	7	17	3	4	2	0	0	0	2	2	4	4	
31	3	3	4	4	4	4	6	7	6	8	6	***	7	4	7	0	6	6	6	5	***	***	3	2	5	5	
MEAN	4	4	3	3	2	3	3	3	4	4	4	4	4	4	4	3	5	3	3	4	5	5	3	4	3	3	

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 5.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT																					
STATION - WC NO 27013														PS VICTORIA/LEADER NIAGRA FLS											MONTH - FEB 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN										
1	2	2	0	3	3	3	4	4	3	7	3	***	0	2	2	0	3	4	4	3	0	4	4	5	3										
2	1	4	4	0	6	3	4	5	7	8	9	5	3	5	4	0	9	7	2	8	9	6	5	3	5										
3	6	18	17	0	2	0	1	1	3	0	2	1	1	0	0	2	0	5	4	6	0	2	0	3	5										
4	0	2	4	3	3	3	3	3	2	8	9	***	2	3	3	2	3	0	2	5	8	12	9	7	0										
5	5	8	5	6	5	***	10	9	11	8	3	5	3	3	3	2	3	0	2	1	0	0	***	0	4										
6	0	0	0	0	0	2	2	2	2	2	1	2	1	0	2	0	0	1	1	1	0	0	0	0	1										
7	0	0	3	0	0	0	0	0	1	0	2	0	0	2	0	0	2	0	2	2	2	0	0	0	1										
8	1	2	0	0	1	5	6	9	***	13	0	0	0	0	0	2	4	7	***	7	14	15	12	8	5										
9	9	13	7	5	0	9	11	7	22	16	0	2	1	4	5	***	7	7	7	6	6	8	9	8	7										
10	9	8	7	5	6	4	8	7	8	9	7	6	7	4	4	7	8	6	9	5	4	5	5	8	7										
11	9	8	4	6	***	4	5	7	7	6	5	5	6	5	5	6	5	6	6	3	***	6	4	4	6										
12	3	3	2	0	2	2	***	***	1	3	2	1	0	2	0	***	3	0	0	1	0	1	1	0	1										
13	0	2	2	3	1	0	3	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1										
14	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0	2	0	2	3	4	7	2	3	13	5										
15	6	9	0	6	6	4	6	8	9	***	5	0	4	4	3	4	8	6	8	3	7	9	8	9	6										
16	8	8	10	8	5	10	9	10	8	6	6	6	4	7	6	5	6	5	6	7	7	6	5	5	7										
17	4	6	6	6	7	6	3	4	4	4	4	4	4	4	10	4	4	4	4	4	6	7	7	7	5										
18	7	***	***	***	***	***	***	***	***	***	***	***	4	6	6	4	4	3	4	5	4	7	7	6	6										
19	7	9	7	6	7	5	4	4	4	5	2	0	2	0	2	3	4	4	5	8	8	9	9	8	5										
20	15	8	9	6	6	5	7	7	8	16	15	9	3	3	6	4	***	3	9	9	10	6	6	7	8										
21	7	10	11	8	9	12	9	9	8	6	7	5	3	6	7	6	6	16	1	8	9	13	3	2	7										
22	3	4	2	2	10	8	9	6	7	8	7	6	5	6	8	***	4	4	7	7	5	12	2	2	0										
23	1	***	4	***	***	0	5	8	7	8	7	6	4	4	6	5	4	5	7	7	6	9	5	4	5										
24	4	5	6	6	5	5	6	5	5	3	3	4	4	***	3	4	5	4	3	0	3	4	3	2	4										
25	3	5	6	5	7	3	8	9	8	6	9	5	3	5	0	0	2	2	0	2	4	2	2	3	4										
26	5	5	4	6	6	7	3	4	5	3	4	4	3	2	2	3	1	2	3	2	0	2	0	3	4										
27	4	4	5	6	4	5	3	2	5	6	8	6	6	5	4	4	3	1	0	2	2	1	1	1	4										
28	4	3	3	2	2	2	7	12	10	4	4	4	3	***	8	0	2	3	3	3	4	5	6	7	4										
MEAN	4	6	5	4	4	4	5	5	6	6	5	3	3	3	3	3	4	4	4	4	5	5	5	4	4										

PERCENTAGE OF DATA VALID - 95.5

PERCENTAGE OF DATA INVALID - 4.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS													MONTH - MAR 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	9	8	9	12	9	4	7	6	3	3	3	3	3	3	3	5	5	5	7	20	6	5	***	6
2	23	4	3	2	2	3	3	6	7	6	8	2	3	3	2	2	4	4	5	5	-	7	8	14	5
3	9	12	16	10	5	3	1	0	4	5	7	5	3	2	3	1	3	2	2	0	2	0	1	3	4
4	1	1	1	0	3	2	6	3	0	0	2	1	2	3	2	1	3	3	4	3	3	2	0	3	2
5	1	3	3	5	4	3	2	2	2	2	2	5	2	2	2	2	2	3	3	3	3	7	7	7	3
6	6	8	5	5	6	9	7	7	7	7	7	5	5	4	5	5	5	5	5	6	8	6	5	6	6
7	10	8	9	8	***	11	11	13	18	13	3	0	0	2	2	4	2	1	0	0	1	2	2	3	5
8	3	3	2	2	7	7	10	7	5	3	2	0	3	0	1	2	2	0	2	2	0	2	5	5	3
9	7	7	9	10	12	14	15	20	13	13	8	4	4	5	12	4	5	4	5	6	4	5	4	***	8
10	6	6	6	***	5	3	9	7	10	16	13	14	13	10	10	8	8	7	8	7	***	12	10	9	9
11	11	9	9	9	8	8	7	6	5	8	7	8	6	5	5	6	6	6	5	6	7	13	***	12	7
12	13	11	10	10	9	11	10	9	11	10	8	9	8	7	5	8	3	4	4	8	13	16	10	7	9
13	10	8	6	7	6	4	5	5	7	20	11	9	18	9	9	5	8	6	6	7	7	11	8	***	8
14	6	5	6	5	5	5	3	4	10	6	4	4	5	***	***	***	5	3	4	5	4	4	5	4	5
15	4	3	11	6	6	20	12	***	7	8	5	3	3	5	***	4	4	2	1	2	3	3	2	3	5
16	4	3	2	1	2	2	2	4	3	3	0	0	2	4	2	2	0	0	1	0	2	2	2	3	2
17	3	3	3	2	3	***	3	4	2	0	3	3	1	2	2	0	2	2	3	2	5	3	3	3	2
18	3	3	5	5	2	2	3	5	3	2	1	2	2	3	2	3	2	3	3	4	3	3	3	3	2
19	3	2	3	3	2	1	2	3	2	3	5	5	6	0	4	1	2	2	1	3	0	0	1	2	2
20	2	0	0	2	2	4	5	3	5	6	4	2	3	1	3	5	4	5	***	8	5	9	4	4	4
21	4	3	4	3	3	4	5	6	7	7	7	3	4	3	4	6	4	4	5	6	3	5	5	6	5
22	9	5	7	6	***	7	7	6	3	2	3	4	5	4	8	***	5	5	3	6	4	5	3	5	5
23	6	4	6	6	3	5	4	4	13	5	4	3	0	3	4	3	4	3	4	3	3	8	5	7	5
24	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	0	3	3	1	0	1	1
25	0	1	3	4	4	2	3	2	3	2	3	10	2	2	3	3	3	4	3	3	4	5	4	4	3
26	0	3	3	3	3	5	3	3	3	4	0	7	4	4	3	3	3	5	2	3	3	5	10	3	4
27	2	2	3	5	4	2	2	3	4	1	0	2	0	3	5	5	4	8	5	5	3	6	9	4	4
28	2	2	1	***	2	4	5	5	4	2	3	4	3	3	4	3	5	5	4	4	5	5	6	7	4
29	5	6	7	4	4	10	2	5	4	0	2	1	0	2	0	3	3	3	4	7	5	5	10	4	4
30	3	3	3	3	4	4	4	6	7	4	2	3	7	3	4	4	3	3	3	3	4	4	3	5	4
31	3	3	2	3	3	4	4	4	7	6	6	5	3	-	-	5	3	3	6	5	8	-	2	6	4
MEAN	5	5	5	5	5	6	5	5	6	5	4	4	4	3	4	4	4	4	4	4	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS													MONTH - APR 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	3	3	6	5	4	5	***	4	5	5	3	3	0	3	0	1	2	2	0	0	5	5	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3	8	1
3	12	4	3	0	1	2	2	2	1	0	3	4	4	6	5	4	8	5	5	6	6	***	7	7	4
4	7	6	4	4	4	6	6	4	5	10	13	11	8	7	5	5	3	2	3	3	6	***	10	4	6
5	4	3	5	4	2	4	4	3	0	4	2	1	2	6	3	1	3	2	1	2	2	5	7	6	3
6	6	5	4	8	10	11	15	11	4	3	2	2	2	2	3	3	3	2	1	0	3	1	2	2	3
7	3	2	4	5	5	4	5	3	2	2	2	3	3	3	3	2	1	0	3	1	2	2	1	2	3
8	2	0	2	1	2	2	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	1	1	2	1
9	2	3	3	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	2	2	4	7	-	1
10	5	4	2	2	3	3	2	2	***	3	3	***	9	2	4	6	5	4	3	3	4	2	3	3	4
11	7	6	-	***	5	4	9	6	-	2	-	4	2	2	3	3	3	4	3	4	1	***	2	4	4
12	-	3	***	0	2	5	2	2	1	0	-	***	4	4	-	***	3	3	3	3	2	2	2	2	2
13	2	4	3	4	5	5	5	5	4	3	7	4	5	3	2	4	***	4	4	2	***	3	2	4	4
14	4	3	4	0	4	6	***	5	1	3	1	2	2	4	3	2	4	5	7	7	3	2	2	2	3
15	***	2	3	0	4	3	2	5	1	0	1	0	0	0	0	0	1	0	0	0	0	2	2	2	1
16	0	4	2	3	4	2	-	2	0	0	6	1	2	-	0	2	-	0	3	0	5	-	4	3	-
17	1	***	-	3	-	***	4	5	0	6	1	2	-	0	1	0	-	***	1	3	4	4	4	7	3
18	7	9	7	11	11	13	13	-	***	2	2	1	4	5	4	5	3	0	4	0	3	3	5	7	5
19	7	5	2	4	5	4	5	5	3	1	3	3	3	***	9	2	3	0	2	2	2	2	2	3	3
20	2	2	0	0	2	1	1	0	2	0	0	0	0	0	0	2	3	2	0	1	2	3	14	16	2
21	4	2	5	2	0	0	1	0	1	2	***	***	2	0	0	2	2	2	2	2	2	2	1	3	2
22	3	3	0	0	0	0	0	2	0	0	0	1	1	2	1	2	0	0	2	3	4	4	7	7	2
23	4	9	8	13	12	13	10	7	4	3	3	2	2	0	1	1	0	0	0	0	1	***	5	9	5
24	4	5	5	5	5	6	4	5	6	4	5	4	2	0	1	0	2	0	0	2	2	9	10	7	4
25	6	7	5	7	7	3	2	1	0	2	3	2	0	2	***	0	0	0	0	0	3	3	0	2	1
26	0	0	2	***	0	-	2	2	2	0	***	4	0	0	0	0	0	0	0	0	2	0	2	0	2
27	1	2	4	-	4	4	4	2	***	-	3	0	0	0	0	***	3	3	0	1	0	1	1	3	2
28	1	2	1	1	3	1	3	1	2	3	3	0	0	0	0	0	0	-	0	0	5	6	9	10	2
29	9	7	8	6	5	5	7	5	4	6	12	5	0	0	2	1	-	-	0	0	0	0	0	0	4
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0
MEAN	4	4	3	3	4	4	4	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	5	2.8

PERCENTAGE OF DATA VALID - 93.1

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS													MONTH - JUL 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	3	10	13	8	4
2	10	9	9	9	11	11	8	4	3	4	3	2	0	0	0	0	0	0	0	3	3	3	1	0	4
3	0	1	2	1	0	1	2	2	2	2	3	3	2	2	2	1	2	2	2	0	0	2	3	4	2
4	2	0	2	2	3	2	2	3	0	0	0	0	0	0	0	0	2	0	0	2	3	7	6	3	2
5	3	1	2	3	6	6	5	5	3	2	2	3	3	3	2	3	1	0	0	2	2	2	3	2	3
6	3	2	3	2	2	3	3	4	4	3	***	4	4	3	3	3	3	3	3	3	4	4	4	4	3
7	4	4	4	4	4	3	4	5	4	4	3	3	3	3	***	2	3	3	2	3	4	5	3	4	4
8	3	4	2	3	4	2	2	2	2	2	3	3	2	2	0	1	3	0	0	0	0	2	2	2	2
9	0	3	2	2	1	2	2	2	2	2	2	0	0	0	0	0	1	0	0	2	0	1	1	2	1
10	2	2	3	3	2	5	2	2	0	0	2	2	2	0	0	0	0	0	0	0	1	0	0	2	1
11	0	3	5	3	5	4	2	1	0	0	0	0	0	0	0	0	0	0	0	5	5	6	6	7	2
12	10	11	10	6	8	7	3	2	0	2	2	2	2	1	0	0	0	0	1	2	4	4	5	2	4
13	7	3	2	2	2	3	2	3	3	***	***	***	4	***	5	5	6	5	4	3	3	4	3	3	4
14	3	6	5	5	4	5	4	3	3	3	2	3	4	2	2	3	3	2	3	5	4	5	4	3	4
15	5	5	3	3	4	5	6	7	4	2	2	3	4	4	3	2	2	2	2	2	3	3	4	3	3
16	0	1	0	0	0	0	0	0	3	2	2	0	2	0	0	0	0	0	0	0	2	3	1	0	1
17	0	0	2	1	0	0	0	1	1	0	1	1	2	2	0	2	2	2	2	2	2	0	1	2	1
18	2	3	3	2	1	1	2	3	3	3	2	2	2	2	2	2	0	0	3	3	2	2	2	2	2
19	3	3	3	3	2	2	4	4	2	2	***	4	4	***	***	3	3	5	4	5	5	4	4	5	4
20	4	5	5	5	5	4	5	5	5	6	6	7	8	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	4	3	4	4	4
22	5	4	5	4	3	4	5	4	4	4	4	3	4	4	4	4	3	3	3	4	3	3	4	4	4
23	4	4	4	3	3	3	2	2	2	2	5	3	5	2	2	0	0	0	0	2	4	2	2	2	2
24	0	0	2	3	2	3	4	3	3	3	3	2	2	0	0	0	0	0	0	6	3	3	3	3	2
25	5	5	6	5	5	4	5	3	3	2	3	3	2	2	3	2	1	1	1	3	3	4	3	3	3
26	3	3	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3	3	4	4	2	3	1	3
27	1	***	***	***	2	1	2	3	2	2	4	4	0	2	***	1	2	2	1	4	5	3	6	4	0
28	0	0	0	6	2	4	3	3	1	0	1	0	0	1	0	1	0	1	0	0	0	2	2	3	1
29	2	3	2	3	0	0	3	3	2	2	1	2	2	3	4	4	2	2	3	2	2	1	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0
31	0	0	2	0	2	2	3	4	4	4	2	2	3	3	3	3	3	3	2	4	5	3	3	5	3
MEAN	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 94.5

PERCENTAGE OF DATA INVALID - 5.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS													MONTH - AUG 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	5	4	2	3	3	4	2	2	2	2	3	3	3	3	2	3	3	3	3	4	4	4	3
2	5	5	5	6	8	4	5	6	4	4	4	4	2	2	2	2	2	2	5	2	5	3	3	5	4
3	6	4	2	3	3	5	3	3	2	2	0	0	0	***	1	1	2	2	6	3	3	2	0	2	2
4	0	0	0	0	0	1	0	0	0	***	0	0	0	1	2	0	2	2	0	0	2	2	2	3	1
5	0	3	4	3	4	4	7	6	7	4	4	3	3	2	3	3	3	3	3	4	4	4	4	4	4
6	3	3	3	3	4	7	8	5	6	5	4	3	3	3	2	3	5	2	3	4	8	19	11	5	5
7	5	8	8	8	4	5	6	7	7	3	3	3	2	2	3	4	3	4	6	5	6	5	6	5	5
8	7	6	3	3	3	2	3	2	2	3	3	4	5	3	4	4	4	1	1	4	3	2	3	3	3
9	5	4	5	4	5	5	5	4	4	6	4	5	3	3	4	3	3	5	2	4	4	6	3	5	4
10	4	6	2	2	1	3	3	2	1	2	0	0	0	0	2	0	0	0	0	2	3	2	5	6	2
11	8	6	8	8	6	5	4	10	3	3	***	2	2	0	1	2	2	2	2	4	2	3	5	10	4
12	10	7	3	2	2	3	4	5	8	5	3	3	2	3	4	3	2	0	3	7	7	5	7	7	4
13	5	5	7	5	5	4	4	4	5	3	3	3	3	3	3	2	3	3	2	4	4	3	3	3	4
14	3	7	7	3	5	5	6	7	6	6	5	4	3	4	4	4	3	3	4	7	7	7	3	5	5
15	4	6	4	5	4	3	4	4	4	4	2	5	3	4	4	2	2	2	4	2	3	2	3	3	3
16	3	3	3	3	3	3	4	4	4	4	3	4	3	4	3	3	3	3	2	0	0	2	***	***	3
17	3	2	2	2	2	2	2	3	2	2	2	2	***	6	4	2	0	0	0	2	2	5	7	2	2
18	3	5	7	8	7	7	9	7	6	5	5	5	5	3	4	4	2	1	3	4	4	4	4	5	5
19	4	4	8	4	3	3	5	3	3	4	3	3	3	4	3	3	-	-	1	0	0	0	0	3	3
20	0	2	2	1	0	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	2	3	4	13	1
21	2	2	1	5	2	2	5	3	4	4	2	0	3	0	0	2	2	2	3	3	4	5	4	5	3
22	7	7	8	8	8	8	11	10	5	6	3	3	3	3	4	4	3	3	3	5	3	5	5	5	5
23	4	6	7	6	9	8	7	8	7	6	7	5	7	4	5	5	3	6	4	5	6	5	5	7	6
24	6	5	7	6	6	6	6	6	5	5	4	6	5	***	10	5	4	7	4	2	1	0	0	2	5
25	2	0	0	2	0	1	0	0	1	0	0	2	1	1	0	2	4	3	4	3	3	4	4	4	2
26	6	9	9	6	4	3	0	0	0	1	0	0	0	0	0	1	0	0	2	2	5	5	9	3	3
27	6	7	4	2	5	3	2	7	2	2	1	2	0	0	2	0	0	0	3	2	0	2	2	3	2
28	5	4	3	3	3	4	4	4	5	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3
29	5	4	2	1	0	0	2	1	2	1	5	9	4	***	3	2	2	0	2	2	6	6	15	6	3
30	7	6	7	6	4	3	5	4	4	2	0	1	2	2	2	-	-	-	***	5	5	3	3	4	4
31	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	5	4	7	9	2
MEAN	4	5	4	4	4	4	4	4	4	3	3	3	2	2	3	2	2	2	3	3	4	4	4	5	3.4

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013

PS VICTORIA/LEADER NIAGRA FLS

MONTH - SEP 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	9	9	7	6	6	4	2	2	0	1	****	1	0	2	2	3	****	****	****	****	5	4	4
2	4	3	3	3	9	4	3	3	2	1	1	0	2	2	2	0	1	1	2	3	4	5	6	4	3
3	4	4	4	6	4	5	4	4	3	3	5	5	3	5	0	0	0	0	0	1	1	2	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0
5	0	0	0	0	0	0	3	4	12	5	5	5	5	4	4	5	7	6	4	3	4	2	3	3	4
6	6	4	2	4	3	3	3	5	6	4	2	1	0	0	0	4	0	0	2	3	3	2	2	0	3
7	6	5	5	7	7	8	7	8	5	****	1	2	2	2	2	3	3	4	5	7	10	4	2	4	3
8	0	0	2	2	0	1	3	7	8	0	0	0	0	0	0	0	0	0	3	3	1	0	1	1	1
9	4	3	3	2	2	2	3	4	5	8	6	5	3	3	2	3	3	0	2	4	3	3	3	3	3
10	0	0	2	0	2	2	3	4	5	8	6	5	3	3	2	3	3	0	2	4	3	3	3	3	3
11	2	4	2	3	4	4	5	5	5	6	6	7	7	6	4	4	3	5	4	3	3	4	2	0	4
12	4	3	3	3	2	2	0	0	0	0	0	0	0	0	0	1	0	0	4	3	0	6	9	2	2
13	0	0	0	0	2	2	3	5	2	2	2	2	2	3	2	2	2	1	3	1	0	0	0	0	2
14	1	1	2	2	7	16	8	4	3	2	3	3	3	3	4	2	2	2	2	2	2	2	1	2	4
15	1	2	2	2	7	3	1	1	0	2	3	3	3	5	3	0	2	2	2	2	2	0	0	0	1
16	4	4	4	3	2	4	2	1	0	0	0	1	0	0	0	0	0	0	2	3	0	0	0	0	2
17	0	2	2	1	4	3	2	2	3	2	2	3	1	2	2	2	2	2	2	2	0	0	0	0	2
18	0	1	1	2	3	2	2	1	2	3	4	3	2	3	3	3	4	3	3	3	3	3	3	3	2
19	0	1	0	0	0	1	1	2	2	2	2	1	2	3	4	3	4	3	3	3	3	3	3	3	2
20	4	3	5	7	7	7	9	****	****	10	7	9	7	3	4	3	4	4	6	6	6	5	5	7	6
21	6	6	6	5	5	5	5	6	5	4	5	5	5	5	3	2	2	0	2	0	1	0	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	11	1
23	9	14	8	7	8	8	10	9	7	7	3	3	3	4	2	1	0	0	0	2	7	2	5	4	5
24	7	4	3	2	2	2	3	4	2	3	4	4	****	2	3	3	3	4	5	4	3	3	3	8	3
25	9	2	0	0	2	1	0	0	1	1	0	0	0	0	0	0	0	0	****	1	0	0	0	0	1
26	0	5	0	2	3	6	10	8	3	3	3	0	1	2	2	2	3	3	3	3	2	3	3	2	4
27	3	2	3	3	3	4	4	5	4	4	5	4	4	4	3	2	4	4	5	7	13	0	0	2	
28	0	0	0	0	0	0	0	0	0	0	1	2	2	0	2	0	1	0	1	4	5	3	11	15	2
29	8	10	8	7	6	9	11	12	6	4	3	2	3	2	4	4	2	1	0	3	3	6	3	2	5
30	0	0	1	2	2	2	2	4	4	3	3	3	3	4	3	4	3	3	3	2	2	0	1	6	3
MEAN	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	3	2.8

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013

PS VICTORIA/LEADER NIAGRA FLS

MONTH - OCT 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	0	3	4	4	6	4	4	2	2	0	1	1	3	2	3	2	2	3	0	0	2
2	1	0	0	0	0	0	0	0	6	2	0	1	0	0	1	1	0	0	0	0	3	5	6	6	2
3	6	6	6	6	4	5	7	14	12	7	6	5	3	3	2	4	4	4	7	7	5	3	3	3	6
4	4	4	0	0	2	0	2	3	2	2	4	2	2	****	2	0	2	2	2	2	3	0	0	2	2
5	3	3	3	2	2	2	3	3	3	4	3	2	2	2	2	2	4	5	2	2	3	0	0	2	2
6	0	0	0	2	1	0	2	2	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1
7	0	0	0	0	0	2	2	2	2	2	1	2	1	0	0	0	0	0	0	0	2	7	5	4	1
8	3	2	1	3	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	7	5	4	4	4
9	3	2	6	4	3	4	7	7	****	****	4	3	2	2	3	2	2	0	4	7	5	5	4	4	4
10	3	3	4	5	4	4	6	6	5	5	3	4	4	5	5	4	4	6	4	4	4	4	5	5	4
11	3	4	4	5	5	6	12	12	13	3	3	6	3	2	3	3	4	4	4	4	3	3	3	3	5
12	4	3	3	2	3	4	3	5	5	4	5	4	5	3	4	5	5	4	4	6	5	6	8	6	4
13	6	4	3	2	9	19	7	5	2	6	4	3	2	0	0	0	0	0	0	0	0	0	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15	0	2	2	3	3	2	3	2	2	4	2	2	0	1	1	1	0	3	4	6	2	3	2	7	2
16	2	5	7	3	3	4	9	2	2	5	2	0	1	2	0	0	0	1	0	5	5	2	3	4	3
17	4	3	3	3	4	6	14	10	6	6	3	3	3	3	3	2	0	0	4	5	6	7	9	8	5
18	4	3	3	3	4	4	5	6	3	3	5	5	5	3	6	5	5	5	4	4	3	4	5	4	4
19	6	8	9	9	5	1	0	3	2	5	5	6	4	5	3	3	2	4	4	7	9	12	2	1	5
20	2	1	0	1	1	2	6	13	6	4	3	3	2	2	2	2	3	4	2	3	3	4	4	4	3
21	4	4	0	4	4	5	3	5	5	6	6	6	6	5	4	4	4	5	4	4	3	3	4	3	4
22	4	5	3	6	4	3	4	4	4	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23	4	4	5	2	2	1	2	0	0	5	2	0	4	2	0	0	2	1	2	3	4	2	1	3	2
24	0	0	4	6	4	3	5	2	0	4	4	5	5	4	4	4	4	3	2	2	3	3	3	4	4
25	4	3	5	4	4	3	4	4	0	0	0	0	2	2	3	5	6	4	6	6	4	5	8	4	4
26	3	4	5	3	4	1	2	4	3	3	2	2	3	3	0	4	3	1	0	1	2	2	3	4	3
27	4	3	4	4	3	6	5	7	5	3	2	2	2	2	2	2	2	0	2	2	2	0	2	3	3
28	2	3	3	4	4	5	4	7	4	7	2	0	1	0	0	0	0	0	0	1	3	2	2	2	2
29	5	4	4	7	4	5	0	9	4	2	2	2	2	3	0	0	4	3	0	4	3	3	3	7	3
30	5	4	4	7	4	5	0	9	4	2	2	2	2	3	0	0	4	3	0	4	3	3	3	7	3
31	5	3	2	2	2	3	4	4	5	5	7	8	9	9	9	9	9	7	3	0	1	0	0	0	4
MEAN	3	3	3	3	3	3	4	5	4	4	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - WC NO 27013		PS VICTORIA/LEADER NIAGRA FLS												MONTH - NOV 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	2	2	2	2	3	3	3	2	1	0	0	3	10	12	6	5	7	5	3
2	3	3	3	2	1	3	4	4	3	4	5	6	5	4	5	5	5	6	6	8	7	9	12	10	5
3	9	11	11	12	10	13	16	22	20	12	9	***	7	6	9	8	5	11	11	12	10	10	12	14	11
4	16	14	14	19	16	12	14	12	10	11	12	9	9	9	8	9	10	10	11	10	13	13	12	10	12
5	10	12	10	8	11	8	11	6	7	8	7	6	6	6	6	6	7	8	7	6	6	7	7	7	8
6	6	7	6	7	7	8	8	9	9	7	10	10	10	3	4	0	0	2	0	0	0	0	0	0	5
7	0	0	2	2	0	1	3	3	3	3	2	0	0	0	0	0	0	0	9	8	10	12	20	14	4
8	4	9	9	6	8	9	11	14	14	18	3	2	3	2	2	8	3	3	3	4	5	3	3	3	6
9	3	3	3	3	4	4	5	4	6	4	5	4	5	4	4	4	***	4	6	7	5	5	8	7	5
10	9	8	8	9	10	8	10	15	10	9	12	7	11	8	10	9	8	7	9	10	12	10	13	16	10
11	14	10	7	7	9	8	12	12	11	11	9	9	8	9	8	9	8	11	10	7	7	3	2	0	8
12	0	0	0	0	0	***	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	2	2	1	0
13	2	3	3	3	3	0	2	5	4	4	6	10	9	13	7	5	7	9	6	5	5	5	4	4	5
14	5	5	4	3	5	5	6	7	5	2	2	0	3	2	0	2	0	3	4	4	2	4	4	2	3
15	3	2	3	3	2	4	3	3	3	5	4	3	3	2	2	2	1	2	2	0	0	2	2	2	2
16	3	3	4	4	3	3	4	4	1	1	0	0	2	2	0	3	6	6	6	6	2	2	2	2	3
17	2	2	2	2	3	3	4	8	9	7	6	4	4	***	5	0	0	2	0	0	1	0	0	0	3
18	0	1	1	1	1	0	0	0	1	0	0	2	1	3	3	2	3	2	4	3	2	3	2	2	2
19	2	2	2	2	2	2	3	5	6	4	2	0	3	4	3	2	2	2	3	3	5	5	9	3	3
20	8	5	2	0	0	0	0	0	0	2	0	0	0	2	***	0	0	0	2	3	2	3	5	5	2
21	1	2	4	1	1	0	1	0	1	0	0	0	0	0	0	0	2	4	4	5	6	6	5	4	2
22	3	2	3	2	2	3	2	3	4	4	***	4	4	4	1	2	4	3	3	3	4	6	5	2	3
23	6	5	4	4	0	4	5	7	7	9	11	8	5	3	3	2	3	2	3	1	2	4	7	3	5
24	3	5	7	4	5	5	4	6	5	4	5	4	4	4	4	4	5	4	3	2	0	0	0	4	4
25	1	1	0	0	5	0	5	2	2	10	8	3	1	0	0	0	0	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0
27	0	0	0	0	2	14	***	12	6	3	***	4	4	4	6	10	6	3	3	3	4	5	4	7	5
28	6	***	0	0	0	5	5	6	4	7	6	6	5	3	0	***	2	1	2	2	2	0	3	3	3
29	6	3	0	3	3	3	2	3	4	2	3	3	3	1	2	3	3	4	2	4	***	3	4	4	3
30	3	4	2	2	0	2	2	0	2	5	3	***	4	3	3	***	4	0	0	3	3	4	4	5	3
MEAN	4	4	4	4	4	4	5	6	5	5	5	4	4	4	3	3	3	4	4	5	4	4	5	5	4.3

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - WC NO 27013		PS VICTORIA/LEADER NIAGRA FLS												MONTH - DEC 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	3	3	2	4	5	4	3	6	6	3	2	5	4	0	7	4	4	3	6	7	4
2	4	3	2	2	0	1	0	3	2	3	2	1	4	2	3	3	3	0	0	1	0	0	2	2	2
3	2	2	2	0	1	0	1	3	3	3	2	5	7	10	6	4	4	5	4	4	3	3	3	5	3
4	2	2	2	2	0	0	1	2	3	2	***	2	2	0	1	2	3	0	2	2	3	2	2	3	2
5	2	2	2	2	2	0	2	2	2	3	0	4	4	3	3	3	3	2	1	3	0	0	1	2	2
6	3	4	3	4	6	5	6	8	9	7	6	6	3	5	5	4	2	7	9	5	8	7	10	4	6
7	13	4	2	2	1	3	3	4	5	4	5	0	5	4	5	6	7	7	9	11	11	9	7	7	6
8	8	8	8	5	5	6	0	10	4	9	8	8	5	3	0	***	0	0	0	0	0	0	0	2	4
9	1	0	0	0	0	0	0	2	3	3	0	0	0	3	***	3	3	3	2	2	0	0	0	0	1
10	0	1	1	5	0	0	1	3	4	3	3	4	2	3	4	3	2	1	1	0	2	2	1	2	2
11	4	***	3	4	3	2	7	6	9	6	5	3	5	***	***	6	10	6	5	5	4	5	5	5	5
12	4	4	4	4	3	0	3	3	3	4	6	3	2	3	1	2	3	4	1	2	4	3	4	3	4
13	4	4	3	3	3	0	4	3	3	3	***	3	3	2	2	2	1	0	0	1	2	2	3	2	2
14	5	4	4	4	3	0	0	0	5	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	3
15	-	-	-	-	-	-	-	-	-	2	3	3	2	3	***	0	4	3	2	0	2	3	3	4	***
16	3	3	5	5	5	4	4	5	9	8	5	4	4	4	5	4	4	5	15	6	6	6	5	5	1
17	3	3	3	2	0	0	0	0	1	4	1	0	0	2	2	0	1	1	2	2	2	0	0	0	0
18	1	0	1	0	0	2	3	6	5	9	3	5	4	5	0	2	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	8	0	2	1	3	1	0	2	0	2	1	4	3	3	4	5	4	5	3	2
20	3	2	2	5	5	***	***	***	***	***	***	***	3	2	3	3	3	4	5	8	8	9	13	4	5
21	4	5	4	3	3	2	2	3	5	5	6	3	2	2	4	4	3	6	7	6	1	2	2	1	4
22	2	3	3	3	2	4	4	13	2	3	2	2	2	3	3	3	3	2	2	1	2	2	2	0	3
23	1	1	2	0	0	0	0	0	2	2	5	4	2	4	3	2	3	4	6	7	15	8	10	10	4
24	13	10	8	5	5	4	4	4	5	7	6	3	4	5	4	5	3	3	5	6	5	3	3	4	5
25	4	3	3	***	2	2	1	0	0	1	3	3	***	6	3	5	0	***	0	0	0	0	0	0	2
26	***	3	2	0	1	0	3	0	0	2	6	4	2	0	1	2	1	0	1	2	***	2	2	0	1
27	3	2	0	1	2	0	1	1	1	***	3	1	5	4	3	5	5	4	1	2	2	2	2	3	2
28	4	3	2	2	8	8	5	4	9	10	4	2	0	0	0	2	2	3	9	13	12	12	3	0	5
29	2	0	0	1	4	7	9	12	10	10	6	-	-	2	2	3	3	4	2	1	2	3	4	2	4
30	4	4	3	5	5	6	6	7	6	7	9	10	8	8	10	8	5	8	4	5	4	9	7	5	6
31	9	5	4	4	3	3	8	9	8	9	9	9	3	3	4	3	3	3	4	8	6	2	1	-	5
MEAN	4	3	3	3	2	3	3	4	5	5	4	3	3	3	3	3	3	3	3	4	4	3	3	3	3.4

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 2.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.7	10	37
FEB	27	4.3	8	22
MAR	31	4.6	9	23
APR	30	2.8	6	18
MAY	31	3.4	7	14
JUN	30	2.9	5	17
JUL	29	2.4	4	13
AUG	31	3.4	6	19
SEP	30	2.8	6	16
OCT	31	3.1	6	19
NOV	30	4.3	12	22
DEC	30	3.4	6	15
YEAR	361	3.4	12	37

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	479	193	22	2	2	1	0	699
FEB	358	262	16	5	1	0	0	642
MAR	426	257	30	9	1	0	0	723
APR	530	124	15	1	0	0	0	670
MAY	519	194	8	0	0	0	0	721
JUN	594	104	8	2	0	0	0	708
JUL	622	77	4	0	0	0	0	703
AUG	528	196	4	1	0	0	0	729
SEP	569	126	8	1	0	0	0	704
OCT	568	162	8	1	0	0	0	739
NOV	446	206	46	8	1	0	0	707
DEC	522	168	12	0	0	0	0	702
YEAR	6161	2069	181	30	5	1	0	8447

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
96.4	0	0.0	1.3	2.4	3.8	6.7	8.5	10.8	12.6	37	3.4

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND		MONTH - JAN 78																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	1	0	0	1	0	2	1	0	0	2	3	2	2	3	3	4	2	2	2	2	2
2	4	2	4	3	1	6	5	1	2	1	2	0	0	0	0	1	2	0	0	1	0	0	0	0	1
3	1	1	0	0	1	1	2	1	2	***	3	2	3	0	0	2	0	0	0	1	0	0	0	0	1
4	0	1	7	3	0	***	1	0	3	3	5	5	***	0	0	5	6	5	3	2	5	3	1	4	3
5	2	3	3	3	5	3	6	3	8	6	8	10	9	10	9	8	6	6	5	6	6	1	4	4	6
6	5	6	4	6	6	4	2	2	2	3	0	3	2	3	0	2	3	3	3	2	2	2	2	2	3
7	3	2	3	2	3	2	2	3	3	4	5	6	9	8	8	8	6	6	7	7	9	8	5	5	5
8	5	5	3	2	2	0	0	0	0	0	0	0	0	0	0	2	5	2	2	3	4	3	2	0	2
9	0	0	0	2	2	1	1	2	3	2	3	3	0	0	0	2	0	0	1	4	0	1	0	2	1
10	0	3	0	4	3	0	0	0	0	***	0	1	3	3	14	9	0	0	0	0	2	0	1	4	2
11	0	0	1	0	0	0	2	0	1	2	2	1	0	***	3	4	3	3	3	3	3	3	3	2	2
12	3	3	2	1	2	4	5	2	5	5	7	5	5	7	-	5	8	8	7	2	8	8	6	7	5
13	8	11	10	7	6	4	5	6	7	***	8	6	6	6	2	6	6	6	6	6	2	2	3	2	6
14	2	2	0	0	0	0	0	0	0	1	2	0	0	0	2	2	2	2	1	2	2	0	2	2	1
15	1	1	4	2	4	3	0	0	2	2	3	2	0	2	0	6	6	0	0	0	3	6	5	2	2
16	***	7	9	13	***	4	6	6	4	8	8	***	5	11	17	6	8	0	4	5	5	7	6	3	7
17	3	4	***	5	5	4	7	6	8	8	7	5	3	5	3	***	3	3	3	3	2	2	0	0	4
18	2	0	2	2	0	2	0	2	0	4	3	4	1	3	5	4	0	4	4	7	5	13	10	***	3
19	10	8	9	3	1	3	***	8	7	9	5	6	5	5	5	3	2	0	0	1	0	0	0	0	4
20	0	0	0	0	0	0	0	1	1	1	2	2	2	3	0	0	1	2	2	2	2	2	2	2	1
21	0	0	0	0	0	1	0	0	5	5	3	0	0	0	0	0	0	0	0	***	2	0	1	0	1
22	1	***	0	0	0	0	0	2	3	3	4	0	4	3	6	4	0	0	0	0	0	2	2	2	2
23	4	3	2	3	3	5	5	4	7	9	0	8	7	6	3	***	***	***	***	***	13	7	7	11	6
24	10	8	7	8	5	0	0	0	12	***	7	10	7	9	8	8	8	9	7	6	8	8	4	7	6
25	5	4	5	4	4	5	4	6	7	6	4	6	10	15	8	5	***	***	***	6	11	***	4	3	6
26	3	2	2	2	1	0	0	2	6	0	***	***	***	***	***	0	13	-	-	3	2	4	3	1	3
27	2	1	2	0	2	0	0	1	1	2	***	2	5	0	3	2	2	0	0	2	3	3	3	4	2
28	3	3	3	1	2	1	2	1	2	7	0	1	0	0	0	0	1	0	1	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	2	4	0	2	2	0	0	2	2	0	2	1	0	1	0	1
30	0	0	0	0	0	0	0	0	1	2	2	3	2	2	2	0	6	3	2	0	0	0	0	0	1
31	3	1	1	2	3	3	3	5	11	10	7	10	7	9	6	7	5	4	5	6	3	3	2	0	5
MEAN	3	3	3	3	2	2	2	2	4	4	4	4	3	4	4	4	4	2	3	4	3	3	3	2	3.0

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND													MONTH - FEB 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	3	0	0	2	4	2	8	4	0	3	2	0	3	6	7	4	5	11	6	6	2	2	4
2	3	3	0	2	3	1	2	3	5	6	6	11	8	12	9	11	13	0	15	11	14	13	7	3	7
3	3	3	4	5	2	2	2	4	7	8	6	2	2	1	0	2	0	3	5	6	2	3	5	5	3
4	2	2	3	3	2	2	2	2	4	9	7	3	3	0	2	2	2	3	7	10	15	6	8	4	
5	8	9	7	4	3	5	5	6	5	6	4	5	3	3	2	3	2	0	0	1	0	0	0	0	4
6	0	0	0	0	0	0	1	2	2	2	1	2	2	3	2	3	2	2	2	1	1	0	0	1	4
7	0	0	0	0	0	0	0	1	3	2	2	2	2	3	2	3	2	2	3	0	4	2	2	4	2
8	3	2	0	0	2	2	2	3	6	3	3	0	2	2	4	7	3	3	***	4	10	4	5	5	3
9	4	2	2	0	0	2	5	11	11	7	7	10	4	5	4	6	8	5	7	7	4	8	4	3	5
10	2	2	0	0	0	0	1	4	6	7	6	4	5	4	8	10	11	11	6	6	9	11	14	6	6
11	5	4	3	3	3	4	4	5	9	6	4	5	4	4	4	3	4	4	5	7	4	4	3	3	4
12	3	2	3	2	0	1	0	2	1	3	2	1	1	0	0	5	0	0	2	2	0	0	0	0	1
13	0	1	2	2	1	0	3	1	4	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	5	5	7	12	6	5	2
15	5	0	0	0	0	0	0	0	0	4	19	12	4	0	0	0	6	8	4	4	6	5	3	4	4
16	5	5	6	5	7	7	6	7	7	5	4	2	7	11	9	11	10	11	6	5	7	4	4	5	7
17	3	4	4	4	2	2	1	4	7	***	6	11	9	8	6	6	4	5	11	6	6	8	5	3	5
18	3	2	2	0	2	***	2	4	4	4	4	5	4	5	3	4	3	2	3	4	4	3	4	4	3
19	5	6	3	3	3	5	8	3	2	4	4	2	1	1	0	2	0	0	2	3	3	3	3	3	3
20	3	4	3	3	3	3	4	4	5	5	5	5	3	4	3	4	4	4	6	9	11	7	4	5	5
21	5	4	7	4	7	8	7	8	12	15	9	15	9	12	13	7	10	12	13	8	10	5	10	0	9
22	1	0	0	2	6	4	0	9	8	8	***	5	4	7	4	4	3	2	1	1	2	3	2	0	3
23	0	1	0	***	15	2	0	0	0	0	0	2	0	***	6	2	2	4	2	2	3	5	2	2	2
24	2	2	2	3	2	0	2	2	3	3	4	1	0	3	3	6	3	4	4	4	3	2	7	2	2
25	2	2	3	3	4	2	3	3	3	3	3	5	0	3	3	6	3	4	4	4	3	2	7	2	2
26	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	0	0	0	2	2	1	0	2	2	2
27	0	0	1	1	1	5	0	7	7	4	4	2	0	0	5	8	0	4	3	1	4	3	0	1	2
28	2	2	0	0	0	0	2	4	4	6	5	7	5	***	3	3	1	2	2	3	2	3	3	4	3
MEAN	3	2	2	2	3	2	2	4	5	5	4	4	3	4	4	4	4	4	4	5	5	4	4	3	3.6

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027

PS 309 BEATRICE ST WELLAND

MONTH - MAY 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	4	1	16	3	3	4	3	3	4	2	3	3	2	2	1	0	0	0	3	2	1	0	3
2	0	2	2	2	3	3	4	3	0	0	3	3	4	11	8	10	6	9	4	0	4	6	4	2	4
3	3	3	2	2	3	14	14	6	4	4	6	7	8	6	0	5	4	2	2	0	2	3	4	3	4
4	2	2	0	1	2	4	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	2	2	2	4	4	5	4	4	3	***	3	2	2	2	3	3	2	2	2	1	2	2
6	4	3	3	4	3	3	5	5	1	1	0	3	2	2	2	3	3	3	2	2	2	2	2	3	3
7	2	3	6	5	4	4	3	3	3	5	3	3	2	2	7	1	0	0	0	0	2	1	3	4	3
8	4	4	3	2	3	5	5	3	3	6	5	3	9	4	2	0	0	0	0	0	0	0	0	2	3
9	0	1	0	1	0	3	3	3	***	3	5	3	4	3	2	1	0	2	2	0	3	3	0	0	2
10	0	0	0	0	0	4	3	-	***	4	0	2	2	2	1	2	2	1	0	0	0	0	2	2	1
11	1	1	0	3	3	3	7	4	3	4	5	3	4	5	6	5	4	4	1	4	3	3	3	7	4
12	4	4	5	8	4	3	4	4	4	7	12	5	5	8	4	4	3	4	4	6	6	5	3	2	5
13	2	7	14	3	3	3	2	4	3	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	2
14	2	0	0	0	2	***	2	3	0	0	0	1	1	0	0	0	0	0	0	2	2	1	0	0	1
15	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	1	2	0	0	1	2	0	0
16	0	2	2	1	0	0	0	2	3	3	2	1	2	2	0	0	0	0	0	0	3	0	2	1	1
17	3	4	2	1	1	2	2	2	2	2	0	2	4	2	3	3	4	2	0	1	2	4	7	4	2
18	2	***	3	3	***	3	6	5	1	4	0	3	4	2	3	3	4	2	4	3	0	2	3	3	3
19	4	4	0	4	4	3	5	6	6	5	7	5	4	6	5	6	6	6	5	3	5	8	6	5	5
20	4	6	4	4	3	6	5	6	6	7	7	6	5	5	4	3	3	0	0	0	0	0	0	0	4
21	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	2	0	0	1	2	2	3	3	2	1	1	0	2	1	0	0	0	0	0	3	4	4	1
23	5	4	4	9	10	10	9	11	***	3	3	2	***	5	3	7	5	3	***	6	7	7	8	8	6
24	***	5	5	7	10	13	15	11	9	9	9	9	4	4	3	4	4	3	2	2	3	5	6	9	7
25	4	6	6	4	5	6	8	8	8	8	5	7	8	6	5	3	3	4	6	2	3	5	6	9	7
26	6	4	5	5	5	7	7	12	11	9	6	6	7	7	6	4	2	3	4	6	5	9	8	7	6
27	7	7	5	7	8	7	7	7	7	6	6	5	2	4	3	4	5	2	3	2	4	5	5	5	5
28	5	2	2	2	2	2	4	4	3	2	3	3	3	2	4	2	0	0	0	3	2	3	3	3	2
29	3	6	5	3	3	5	3	3	***	3	3	0	3	3	3	2	1	0	5	3	2	4	3	6	3
30	5	4	7	4	12	6	3	5	8	7	7	4	5	4	6	4	2	2	3	1	3	3	7	3	5
31	6	6	5	4	4	12	10	8	7	7	8	7	8	8	7	5	3	0	1	0	0	0	1	4	5
MEAN	3	3	3	3	4	5	5	5	4	4	4	3	4	3	3	3	2	2	2	2	2	3	3	3	3.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027

PS 309 BEATRICE ST WELLAND

MONTH - JUN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	0	***	0	0	2	3	1	0	3	2	2	2	2	4	5	3	3	0	2	0	4	6	5	2
2	4	22	7	8	4	8	7	11	11	13	9	6	8	8	5	3	2	7	9	7	0	2	0	1	7
3	2	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	2	0	0	1	0	0	1	1
4	0	1	0	2	0	3	0	2	1	0	3	1	1	0	3	2	0	0	2	3	3	3	3	2	1
5	2	3	3	4	2	4	3	2	3	2	3	1	2	1	1	2	0	0	0	3	4	3	6	2	2
6	5	4	4	3	4	8	8	4	6	2	3	5	4	4	-	-	4	5	6	0	1	1	3	2	4
7	8	3	2	2	5	6	5	6	4	5	5	3	5	3	3	4	2	1	2	3	4	5	2	4	4
8	5	3	11	5	0	2	5	8	5	4	4	0	7	4	5	7	6	3	2	2	0	0	0	1	4
9	0	2	2	3	3	2	3	2	3	0	2	3	7	***	7	5	3	2	5	8	2	0	0	0	3
10	3	2	2	3	6	4	3	3	3	5	3	0	1	1	1	2	0	0	0	0	2	3	2	3	2
11	4	4	3	2	3	3	3	4	6	4	4	3	4	2	2	3	3	2	0	0	2	3	5	2	3
12	2	2	2	3	3	3	4	6	***	***	0	9	***	3	6	3	2	0	4	4	2	3	5	2	0
13	0	0	1	0	0	0	0	0	0	3	0	2	2	1	2	0	1	0	0	0	2	8	3	3	1
14	3	0	1	3	2	2	3	3	2	0	1	1	2	1	0	0	0	0	0	0	0	0	1	3	1
15	2	3	2	1	2	3	5	4	4	3	4	5	3	4	4	4	4	4	4	3	6	6	3	3	4
16	1	1	1	2	2	2	4	6	4	3	4	3	6	4	3	2	2	2	1	2	4	3	3	3	3
17	3	3	3	3	3	3	4	5	5	5	5	3	3	3	6	4	4	1	1	2	2	2	2	1	3
18	2	3	3	3	3	2	4	3	3	3	3	4	2	4	1	0	11	4	0	0	0	2	0	2	3
19	0	0	0	0	0	2	4	3	6	5	4	4	3	2	3	5	7	3	5	0	4	2	0	4	3
20	7	2	0	1	0	3	6	7	8	5	4	3	3	2	3	3	3	2	3	0	2	3	2	4	3
21	6	4	4	4	4	4	6	4	4	3	4	5	5	3	2	4	3	2	2	0	1	0	0	0	3
22	0	2	0	1	2	3	4	***	5	4	***	0	3	3	3	3	4	3	4	1	2	2	3	2	2
23	4	8	2	0	1	2	2	2	2	2	1	4	1	2	3	2	4	0	0	0	6	3	2	3	2
24	3	2	3	4	4	3	3	3	3	5	4	3	1	2	3	2	2	0	1	0	0	0	5	4	3
25	2	3	3	3	3	3	6	4	5	4	4	5	3	3	4	7	3	2	1	4	4	4	4	2	4
26	3	5	2	4	3	4	4	5	4	5	5	5	6	4	3	2	2	2	2	2	2	0	8	5	4
27	8	2	2	2	3	4	7	7	7	10	5	5	5	3	3	4	2	4	4	3	4	2	0	6	4
28	0	0	3	3	0	3	3	2	3	3	4	4	6	***	0	0	0	3	0	0	5	3	6	3	3
29	8	3	1	3	0	7	2	4	0	4	4	4	6	***	0	8	7	7	0	0	0	0	1	1	3
30	2	2	1	2	6	0	3	2	0	0	***	0	5	2	0	0	0	5	0	0	0	0	1	0	1
MEAN	3	3	2	2	2	3	4	4	4	4	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2.8

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	7	17
FEB	28	3.6	9	19
MAR	31	3.3	7	22
APR	27	2.8	8	19
MAY	31	3.2	7	16
JUN	30	2.8	7	22
JUL	31	1.9	4	11
AUG	28	2.6	6	22
SEP	30	2.2	5	11
OCT	25	2.8	5	15
YEAR	292	2.8	9	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	520	177	12	1	0	0	0	710
FEB	474	158	32	1	0	0	0	665
MAR	547	170	12	3	1	0	0	733
APR	519	113	16	5	0	0	0	653
MAY	546	171	13	1	0	0	0	731
JUN	584	118	5	0	1	0	0	708
JUL	647	83	1	0	0	0	0	731
AUG	538	121	4	0	2	0	0	665
SEP	613	87	4	0	0	0	0	704
OCT	474	120	5	0	0	0	0	599
YEAR	5462	1318	104	11	4	0	0	6899

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

94.6

0

0.0

0.5

1.9

3.1

5.9

7.4

9.6

11.2

22

2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - JAN 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	0	3	5	5	3	2	3	2	3	2	0	0	
2	0	3	0	0	0	0	4	3	2	5	5	5	3	4	3	3	3	3	3	3	4	3	4	5	3
3	4	3	5	4	4	6	4	5	5	5	6	6	4	4	4	3	2	2	2	2	4	5	4	4	
4	4	5	5	7	7	***	7	7	6	17	14	12	16	13	14	10	11	9	8	8	8	10	10	11	10
5	12	8	7	9	10	13	11	5	6	18	24	21	16	9	7	9	8	7	8	8	9	-	-	10	11
6	9	4	3	2	2	2	2	***	1	2	2	2	2	1	0	1	1	0	1	2	1	2	2	2	2
7	2	2	2	3	3	3	3	3	3	4	3	3	3	2	9	4	3	2	4	8	9	10	9	10	4
8	9	9	9	8	7	5	4	3	3	3	3	3	4	11	7	8	6	7	6	5	3	3	3	4	6
9	3	3	2	2	2	2	3	4	6	4	6	6	6	6	7	8	7	9	***	***	***	***	***	***	5
10	***	***	***	***	***	***	***	***	***	***	***	4	3	2	4	4	3	2	3	2	2	3	2	2	***
11	5	12	10	14	9	7	7	8	8	***	9	9	10	10	11	11	10	8	9	9	9	8	9	9	9
12	9	8	7	7	11	12	11	13	18	17	14	15	12	10	-	11	10	9	10	11	12	9	13	12	11
13	12	5	12	5	7	7	5	3	4	***	4	4	5	5	7	5	5	5	4	3	3	0	2	1	5
14	0	1	1	0	1	0	0	1	0	0	0	1	0	0	0	1	0	1	1	1	0	0	0	2	0
15	0	2	1	0	1	0	6	14	13	10	7	2	2	2	3	4	4	8	5	6	7	8	12	13	5
16	9	7	9	11	8	11	15	15	14	17	16	14	12	10	10	9	10	10	10	12	13	12	9	11	
17	9	8	8	11	10	4	4	4	3	4	12	8	4	***	4	3	3	3	3	3	3	2	3	3	5
18	4	3	2	4	1	2	0	1	2	2	2	3	0	6	14	9	3	2	3	5	11	15	***	12	5
19	11	9	7	9	9	10	16	22	24	20	6	3	2	2	2	2	3	4	5	4	5	5	5	0	9
20	0	***	0	0	0	0	0	1	***	24	3	***	4	5	6	5	5	1	4	3	3	3	3	2	2
21	0	1	3	3	3	3	3	3	4	4	4	5	3	3	4	3	3	3	7	5	3	4	5	5	4
22	5	3	5	7	4	3	12	13	9	11	11	7	7	11	8	7	8	13	9	7	10	10	10	10	8
23	12	10	12	14	14	14	17	17	14	15	15	14	12	15	14	13	16	16	16	16	14	14	15	14	14
24	12	12	14	12	12	11	13	26	18	19	18	19	16	18	18	18	18	19	17	16	13	13	13	16	10
25	15	14	12	13	14	11	19	21	12	7	12	12	9	11	8	7	***	***	5	5	***	4	4	4	10
26	3	1	***	2	2	2	1	10	10	***	***	***	-	6	9	6	4	-	-	8	9	5	3	***	5
27	***	4	3	4	5	4	5	6	7	7	7	10	9	9	6	7	5	6	7	6	7	5	4	9	6
28	10	9	7	***	8	11	7	6	4	4	4	4	4	2	3	2	2	2	7	7	3	2	0	0	5
29	0	0	0	0	1	0	2	2	2	3	3	3	***	2	2	1	2	2	3	2	3	1	2	3	2
30	6	2	4	10	***	10	9	8	11	8	6	7	6	7	7	5	2	9	10	8	7	9	6	12	7
31	14	9	8	11	11	10	12	15	13	18	13	13	12	16	13	14	11	12	11	14	16	***	7	9	12
MEAN	6	5	5	6	6	6	7	8	8	9	8	8	7	7	7	6	6	6	6	6	7	6	6	7	6.6

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 5.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - FEB 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	13	12	15	15	12	14	12	11	11	10	7	8	7	6	7	7	8	9	12	12	14	14	11
2	11	8	9	9	11	13	16	17	16	19	19	15	14	13	12	13	12	9	12	8	8	11	11	12	8
3	6	9	10	10	9	8	9	13	10	14	13	3	0	2	3	9	8	7	5	2	2	6	4	2	7
4	4	4	5	4	4	3	7	7	8	2	2	2	***	1	3	4	5	4	5	7	8	5	7	6	5
5	8	8	7	6	5	4	4	5	3	5	3	2	4	2	6	3	3	4	3	3	2	2	2	2	4
6	2	2	2	1	***	1	2	3	2	2	2	2	2	0	1	1	2	1	2	2	1	0	0	0	1
7	0	0	0	2	2	3	2	4	3	4	3	2	2	6	2	0	1	3	8	3	1	1	2	2	2
8	1	2	0	2	8	5	0	1	4	11	3	3	3	0	2	5	9	4	6	10	18	17	18	19	6
9	18	16	20	12	12	***	15	11	14	14	17	17	14	10	11	10	8	7	7	10	9	9	***	9	12
10	8	7	7	8	8	10	26	20	11	15	14	12	10	11	10	9	8	8	10	12	8	12	14	11	11
11	13	14	16	16	14	12	18	21	10	14	16	11	7	8	8	9	5	8	2	9	7	7	8	7	11
12	9	11	6	9	9	10	10	10	7	***	11	7	6	6	2	8	6	10	6	10	7	10	10	12	8
13	12	***	10	5	6	7	5	2	2	***	2	0	0	1	0	0	0	3	2	5	4	2	3	2	3
14	2	3	3	3	2	1	2	2	6	5	3	4	3	1	0	1	0	2	6	13	9	10	9	8	4
15	7	6	***	6	6	9	10	13	15	16	18	9	15	16	13	15	14	12	15	17	16	16	15	14	13
16	13	13	13	11	14	17	17	22	18	18	17	16	15	14	15	13	14	17	15	13	12	12	13	15	
17	13	14	17	14	9	6	***	13	13	15	15	12	9	8	8	7	10	9	13	12	12	15	14	13	12
18	9	16	9	8	9	***	11	12	16	10	9	8	6	6	7	5	5	5	7	8	6	6	7	8	
19	6	***	5	4	4	3	3	3	3	3	3	3	2	0	0	1	1	2	2	5	5	7	6	3	
20	***	10	11	11	11	8	9	15	17	14	18	19	16	13	13	15	11	8	10	8	11	6	8	9	12
21	10	9	8	7	8	8	11	13	12	15	15	18	15	16	5	9	5	12	12	8	10	14	8	5	11
22	5	5	5	3	***	6	10	20	12	10	10	11	8	7	6	6	6	5	4	4	7	10	13	13	8
23	16	16	17	***	***	11	25	26	21	26	18	17	14	11	14	13	12	11	11	10	15	7	12	13	15
24	15	21	22	19	16	17	14	15	15	14	***	12	10	9	12	14	14	12	11	11	12	10	4	7	13
25	8	***	8	5	5	3	4	4	5	5	5	2	2	2	2	0	2	2	4	3	5	4	3	2	4
26	4	5	3	3	2	3	3	3	3	2	1	0	0	1	1	1	0	3	3	2	3	3	2	6	2
27	7	5	3	4	4	4	9	9	9	10	10	9	8	7	7	7	7	6	7	6	9	8	8	6	7
28	8	8	6	6	7	7	11	12	12	12	14	14	13	***	12	5	3	4	6	6	16	12	13	15	10
MEAN	8	9	9	7	8	7	10	11	10	11	10	9	8	7	6	7	6	6	7	8	9	8	8	8	8

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29008												NORTH PARK HAMILTON													
MONTH - MAY												78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	5	7	8	9	****	12	9	8	8	8	8	9	8	10	6	5	5	3	3	3	6
2	4	3	6	5	5	8	11	11	10	3	0	1	0	0	0	2	2	1	0	6	9	5	4	4	4
3	3	3	7	4	4	6	8	11	3	2	2	2	2	2	2	2	1	2	1	2	3	10	4	3	4
4	3	2	2	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	1	2	2	2	4	2	2	3	3	4	3	2	2	6	2	2	2	0	5	0	1	0	2
6	0	1	1	0	2	1	0	1	0	0	1	2	0	2	1	0	0	1	2	4	6	9	7	6	2
7	4	****	3	4	5	7	8	4	4	3	3	2	3	3	3	3	2	2	2	2	2	3	2	3	3
8	2	3	3	4	3	2	2	2	3	3	3	3	4	5	3	6	5	6	8	9	7	9	11	11	5
9	13	13	13	11	15	16	15	19	6	15	14	10	13	11	9	14	4	-	10	11	10	12	9	9	12
10	10	10	12	8	4	7	****	-	****	8	11	8	7	8	7	8	6	5	4	3	8	12	10	12	8
11	14	****	9	12	12	19	18	6	3	3	9	12	11	11	11	12	-	9	3	2	1	2	2	2	8
12	2	2	3	3	4	5	4	3	4	3	3	3	3	3	11	10	13	5	9	5	5	6	6	5	
13	5	4	3	4	4	3	3	4	4	3	3	3	3	3	5	2	3	5	3	2	4	3	2	0	3
14	1	0	0	0	0	2	2	2	2	2	3	7	1	2	2	2	0	1	0	2	****	3	0	0	1
15	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	2	0	1	13	10	11	6
17	2	1	0	2	0	2	3	3	2	0	0	3	0	0	0	0	2	1	2	2	****	2	2	2	1
18	2	2	2	13	12	13	15	15	18	13	7	9	5	4	12	15	15	17	19	8	16	14	11	11	11
19	19	12	13	14	17	21	23	26	25	17	15	15	13	12	9	9	8	8	12	12	13	17	9	8	14
20	9	11	8	10	15	10	8	13	12	12	9	9	11	12	10	9	6	9	4	7	10	10	10	8	10
21	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	4	6	5	3	1
22	***	3	3	4	2	4	4	4	5	5	4	3	0	6	4	2	0	1	3	4	6	9	10	11	4
23	9	7	6	3	3	4	4	4	****	3	4	3	3	3	3	3	3	3	***	2	2	2	7	4	
24	****	4	3	4	7	8	6	5	6	7	6	5	5	5	4	6	8	9	6	7	6	8	24	10	7
25	10	11	22	17	16	18	21	29	18	21	19	14	4	3	3	4	3	5	4	7	6	12	13	14	12
26	13	13	11	12	11	17	19	20	22	17	9	7	5	7	7	6	4	3	7	****	17	13	13	12	12
27	13	12	19	****	8	4	5	5	6	-	7	8	8	8	8	9	10	9	10	7	7	7	7	8	8
28	8	7	6	7	6	7	8	7	7	7	6	5	5	5	4	4	5	7	4	4	4	4	3	2	6
29	3	3	3	3	4	4	3	3	3	4	5	5	3	3	3	2	2	2	2	2	3	4	4	3	3
30	2	2	3	3	4	6	10	17	8	4	3	3	3	4	3	3	3	3	4	4	4	4	4	3	4
31	4	16	13	11	16	16	17	14	16	18	15	13	12	10	****	9	8	8	****	9	7	7	6	6	11
MEAN	6	5	6	5	6	7	8	8	7	6	6	5	4	5	4	5	4	5	4	5	6	7	6	6	5.7

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT									
STATION - WC NO 29008																NORTH PARK HAMILTON									
MONTH - JUN 78																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	8	7	10	18	4	3	2	2	2	2	2	3	3	2	2	2	2	3	0	1	7	11	4
2	7	4	18	13	11	27	22	19	17	16	12	11	12	11	9	9	8	7	7	6	7	7	7	6	11
3	3	3	2	2	0	1	0	0	3	6	3	0	3	4	3	3	2	2	2	2	2	2	3	3	2
4	4	4	3	4	4	4	4	4	3	5	5	4	3	4	4	3	3	4	4	5	6	6	13	12	5
5	14	3	7	15	9	9	9	11	12	11	12	11	****	****	11	12	10	9	9	9	7	7	6	6	9
6	6	6	5	14	17	18	18	13	15	15	14	10	6	13	-	-	10	9	8	11	16	11	14	13	12
7	14	7	4	5	3	3	4	5	6	6	5	5	5	5	5	6	5	4	7	5	7	***	8	3	6
8	4	4	6	6	17	15	18	17	17	15	15	14	15	17	15	14	13	9	9	10	12	7	7	9	12
9	6	6	6	6	10	15	13	12	13	13	13	11	11	13	10	9	8	6	6	6	5	6	4	1	9
10	3	7	4	6	5	7	***	4	***	2	2	4	3	2	2	2	1	2	2	2	***	3	7	5	4
11	5	10	14	17	12	10	15	10	9	8	8	8	7	8	10	12	11	8	7	9	8	12	8	9	10
12	8	8	10	20	24	26	17	20	16	19	17	-	****	19	16	13	16	14	9	8	5	4	3	3	13
13	3	3	4	5	7	7	8	8	11	8	10	11	10	10	8	9	5	5	5	5	5	4	4	4	7
14	4	5	4	5	6	9	11	12	13	9	10	11	10	10	9	9	7	5	6	6	6	7	8	8	
15	6	4	12	16	13	16	19	14	14	15	12	12	11	15	12	17	9	9	9	9	10	12	10	10	12
16	11	2	4	11	4	3	7	6	3	3	4	3	3	4	19	4	4	3	3	4	3	4	3	3	2
17	2	2	2	2	2	2	3	3	3	3	3	4	5	13	13	11	9	13	13	15	11	13	13	13	7
18	14	13	13	11	6	4	7	9	7	7	7	7	6	3	2	2	3	3	2	2	3	6	8	7	6
19	6	7	5	11	11	14	15	9	***	13	15	13	11	3	3	4	12	11	9	12	13	9	5	11	10
20	4	5	6	10	11	11	6	6	6	9	4	4	****	3	***	2	3	5	7	3	4	5	6	7	6
21	5	5	9	9	5	6	10	9	10	7	6	5	6	13	12	12	12	10	9	7	9	7	6	7	8
22	7	6	6	6	5	7	10	10	10	10	9	8	9	10	8	7	9	10	9	11	13	10	8	6	9
23	7	6	6	5	9	11	12	1	0	5	3	1	****	0	0	1	2	0	0	0	1	1	2	2	3
24	2	2	2	2	2	2	3	3	3	3	2	2	0	0	1	1	0	0	0	0	0	3	4	5	4
25	10	6	5	5	4	4	9	5	4	5	3	2	2	2	4	3	5	4	3	3	3	4	3	5	4
26	5	6	4	4	4	3	4	4	***	17	19	17	18	14	13	15	16	11	13	11	16	10	8	10	11
27	13	8	10	13	11	18	19	17	19	18	17	17	17	21	13	12	10	7	7	6	7	10	8	6	13
28	5	4	5	4	7	8	10	7	7	11	12	15	17	12	17	12	11	12	9	10	9	9	10	14	7
29	7	12	26	11	9	11	13	8	12	15	14	11	13	13	12	10	11	9	10	11	12	14	12	7	12
30	8	6	4	1	2	2	3	2	5	2	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2
MEAN	7	6	7	8	8	10	10	8	9	9	9	7	8	8	8	7	8	6	6	6	6	7	7	7	7

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - SEP 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	8	4	2	4	14	14	3	3	3	2	2	2	2	0	0	1	6	8	8	9	9	5	
2	14	8	10	11	21	8	4	9	7	5	6	6	6	4	4	6	6	5	7	13	9	8	9	8	
3	7	7	5	9	9	6	7	6	11	6	5	4	3	2	0	0	2	0	2	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	1	1	3	3	2	3	3	3	4	3	5	10	10	5	
5	12	15	8	12	18	17	12	12	***	16	18	4	4	4	4	2	1	5	5	11	15	11	11	14	10
6	13	11	8	9	14	17	14	21	17	15	17	11	15	13	10	10	15	16	12	12	13	14	15	15	14
7	8	11	24	21	12	10	12	17	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	8	9	4	4	1
9	6	6	5	4	3	3	0	0	1	0	2	2	2	0	0	0	0	0	0	0	0	0	3	6	2
10	7	0	2	2	2	3	3	1	1	1	1	0	0	0	2	0	0	0	3	5	3	4	3	4	2
11	9	12	9	12	13	15	18	15	12	15	16	16	15	15	7	7	11	11	12	12	7	7	7	7	12
12	12	7	7	2	2	0	0	0	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	2	2	2	2	2	3	2	3	3	7	11	-	10	6	13	7	7	-	-	-	6	6	6	5
15	9	11	6	5	10	21	25	-	***	10	12	11	12	12	11	9	11	12	14	16	11	13	8	9	12
16	10	9	12	11	3	5	5	7	5	4	4	3	4	3	2	2	1	2	2	0	0	0	0	0	4
17	0	0	0	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
18	0	0	0	0	0	0	3	4	2	0	***	0	0	0	0	0	1	2	0	0	3	12	6	2	2
19	1	0	0	0	1	2	4	8	4	3	3	3	3	1	0	1	1	3	2	3	3	2	3	5	2
20	10	9	11	13	8	14	16	21	10	5	5	0	2	3	4	3	3	2	1	4	3	3	6	5	7
21	8	21	15	10	13	19	19	18	20	30	17	15	11	12	13	12	9	8	8	10	9	2	2	0	13
22	2	3	3	0	0	0	2	***	3	2	3	0	0	0	0	0	0	0	0	0	2	2	2	2	1
23	2	3	3	2	4	6	7	5	3	4	3	2	1	1	0	0	2	2	3	5	7	7	6	3	3
24	7	5	4	5	9	5	4	5	12	10	3	4	4	***	4	4	2	3	3	8	11	9	9	8	6
25	5	3	4	4	8	9	13	9	4	0	0	0	0	0	1	0	2	9	0	***	0	0	2	2	3
26	1	3	4	4	9	6	9	17	20	8	4	11	12	9	11	9	9	11	14	12	9	12	6	9	9
27	11	17	12	13	17	16	16	17	17	17	16	15	12	14	13	13	11	12	7	8	8	3	5	2	12
28	3	4	3	6	7	8	5	8	3	3	2	0	0	1	0	0	0	0	3	5	3	2	0	2	3
29	6	8	9	8	10	14	19	26	17	3	2	0	2	1	2	2	0	0	0	1	1	2	5	6	6
30	5	4	4	4	4	4	5	8	9	7	8	8	7	8	7	6	6	8	7	8	4	3	2	3	6
MEAN	6	6	6	6	7	7	8	9	7	6	6	4	4	4	3	3	3	4	4	5	5	5	5	4	5.3

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - OCT 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	9	13	9	11	8	10	9	3	2	2	3	1	2	1	2	4	2	3	2	0	0	0	5
2	0	0	0	4	3	4	4	4	***	2	3	3	4	3	3	3	2	2	5	12	18	12	8	14	5
3	8	8	11	10	7	12	9	16	9	5	6	***	16	15	16	15	4	4	5	4	5	6	12	9	9
4	7	13	11	7	10	12	14	13	14	14	13	12	12	***	13	10	10	10	13	13	11	12	15	11	12
5	18	22	12	8	10	16	12	15	18	17	17	14	12	13	14	8	2	2	3	4	7	15	4	4	11
6	9	9	5	10	8	7	11	12	12	13	11	10	9	10	9	9	8	8	13	12	8	3	2	2	9
7	2	2	2	0	2	10	9	8	3	2	2	2	2	3	-	1	1	0	0	0	0	0	1	2	2
8	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	3	3	5	3	4	1
9	3	3	2	3	7	14	17	17	***	***	5	4	4	5	5	7	7	26	9	8	9	15	8	9	9
10	8	9	9	13	15	13	15	15	***	***	14	12	15	13	12	12	-	***	18	12	14	11	12	10	13
11	16	12	10	7	5	7	17	15	16	12	7	11	17	13	13	14	15	10	9	10	10	9	8	9	11
12	7	6	7	6	10	15	13	16	17	14	22	15	14	13	11	12	12	12	12	5	7	11	11	10	12
13	12	12	13	10	9	13	10	11	4	3	2	2	1	1	2	1	0	0	1	0	0	0	0	4	4
14	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1
15	2	2	2	1	3	7	6	11	7	3	1	1	3	3	3	4	4	5	6	7	11	4	5	5	4
16	3	4	3	2	2	2	2	4	4	1	0	0	0	0	0	0	0	0	2	5	4	4	3	2	2
17	3	5	2	4	7	10	16	16	19	14	***	3	2	2	1	1	2	4	8	11	13	12	13	13	8
18	11	12	18	17	22	21	13	10	18	16	13	13	15	13	15	14	11	14	13	12	13	12	13	16	14
19	13	10	9	10	***	8	13	18	16	14	13	15	14	14	14	16	12	10	12	9	6	4	5	12	12
20	5	5	5	5	9	11	12	12	15	17	8	9	13	14	11	11	8	8	8	13	13	11	12	9	10
21	11	10	8	12	15	14	12	12	11	10	11	11	10	13	11	9	9	10	12	9	12	11	12	11	11
22	9	10	13	9	9	10	9	12	14	10	9	7	8	8	9	10	10	10	8	12	12	14	11	11	10
23	8	7	5	3	2	5	3	4	***	3	2	2	0	0	2	2	2	5	4	3	3	5	4	3	3
24	3	4	4	4	5	9	17	17	15	10	9	9	6	10	8	7	8	9	9	12	11	10	15	9	11
25	11	14	11	12	11	15	15	12	12	11	11	11	12	11	12	12	12	9	9	9	9	6	6	7	8
26	9	10	9	12	14	14	12	2	2	2	4	12	12	12	10	9	8	6	9	6	5	6	7	8	10
27	4	3	5	5	12	15	13	17	13	15	13	11	12	13	11	10	9	9	8	12	11	12	8	10	11
28	9	11	9	12	9	5	6	6	6	5	4	3	2	3	0	2	0	2	2	1	1	1	1	4	4
29	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1
30	1	2	3	3	12	12	***	10	***	3	4	***	3	5	11	14	11	14	13	15	10	7	8	12	8
31	***	13	11	11	11	13	16	15	16	***	15	18	16	15	13	12	10	8	3	2	2	2	6	***	11
MEAN	7	7	7	7	8	10	10	11	10	8	7	7	8	7	8	7	6	7	7	7	8	8	7	7	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	6.6	16	26
FEB	28	8.2	15	26
MAR	31	7.4	13	25
APR	29	4.2	11	33
MAY	31	5.7	14	29
JUN	30	7.7	13	27
JUL	31	5.9	15	22
AUG	31	6.7	13	33
SEP	30	5.3	14	30
OCT	31	7.7	14	26
NOV	28	7.3	15	32
DEC	30	7.2	13	21
YEAR	360	6.7	16	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	313	236	110	33	7	0	0	699
FEB	191	246	157	51	9	0	0	654
MAR	243	279	152	42	4	0	0	720
APR	454	143	63	10	3	1	0	674
MAY	399	198	88	30	10	0	0	725
JUN	226	281	148	44	6	0	0	705
JUL	345	228	126	32	3	0	0	734
AUG	283	260	141	28	7	1	0	720
SEP	399	173	96	31	10	0	0	709
OCT	257	206	219	38	5	0	0	725
NOV	226	222	146	34	8	2	0	638
DEC	223	305	137	13	1	0	0	679
YEAR	3559	2777	1583	386	73	4	0	8382

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.7	0	0.0	2.3	5.3	8.9	13.4	15.3	17.6	19.7	33	6.7

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
		STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JAN 78													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	***	4	2	2	2	2	3	4	5	5	4	5	7	6	9	9	3	2	3	2	3	4	4	4	
2	3	2	2	3	2	3	3	3	3	5	6	4	2	2	3	2	2	3	3	4	3	3	3	4	3	3	
3	3	3	3	3	3	3	3	4	4	5	5	5	3	3	3	4	4	5	6	3	3	3	3	3	4	4	
4	3	2	4	3	5	***	6	7	5	8	7	6	8	6	7	7	7	6	5	4	4	5	6	5	5	5	
5	5	5	5	6	8	8	12	12	10	12	8	8	8	9	9	10	14	11	10	11	17	17	17	17	9	9	
6	5	5	4	2	2	2	3	6	10	***	7	6	9	9	7	8	10	6	5	5	8	9	9	9	9	6	
7	14	12	10	7	5	7	7	6	5	7	9	10	11	9	11	15	8	8	8	10	16	10	11	10	9	9	
8	10	13	15	12	17	15	15	16	5	3	3	3	4	4	5	7	6	7	6	5	4	4	3	4	8	8	
9	2	2	2	2	2	1	1	3	4	4	4	4	4	3	4	4	3	5	4	3	2	3	2	3	3	3	
10	2	2	4	3	5	3	2	2	2	***	5	3	3	3	4	3	2	4	3	3	3	2	4	3	3	3	
11	3	1	1	2	0	0	2	3	4	3	3	5	5	5	5	5	6	7	6	6	4	4	5	5	4	4	
12	5	3	3	2	2	4	6	8	11	7	7	6	5	6	5	5	5	9	9	8	8	8	7	7	9	6	
13	8	9	8	6	6	8	9	9	11	***	9	***	***	11	12	13	14	11	11	8	11	11	12	11	10	10	
14	9	8	2	3	4	2	1	1	0	2	2	1	0	2	1	1	0	0	0	0	0	0	0	0	2	2	
15	0	2	3	3	3	3	2	2	2	4	3	2	2	4	3	3	2	2	3	3	3	3	3	3	3	3	
16	3	2	2	2	2	3	5	5	7	***	8	6	5	5	4	7	9	7	6	5	6	6	7	8	5	5	
17	8	8	9	8	11	6	5	5	6	6	9	10	10	9	12	11	12	14	9	9	11	10	10	8	9	9	
18	6	4	2	2	1	1	1	2	3	3	3	2	1	2	2	2	2	3	4	3	5	8	19	10	18	4	
19	15	15	17	14	13	9	14	17	14	17	14	17	12	9	4	4	4	5	4	4	5	5	5	4	6	9	
20	8	10	7	12	8	7	7	8	8	10	10	7	5	5	5	5	5	4	2	3	3	3	2	3	2	6	
21	1	1	2	2	3	3	4	8	6	6	3	2	3	3	4	5	3	3	3	4	5	5	5	5	6	4	
22	4	4	3	4	4	4	7	6	4	5	6	6	5	7	5	6	4	5	3	3	3	4	4	5	5	5	
23	5	5	6	6	6	6	6	8	7	7	7	6	8	8	7	9	11	10	10	8	7	7	8	6	7		
24	9	8	9	9	9	9	11	12	11	10	10	10	10	10	11	12	13	11	9	9	10	11	9	8	10		
25	8	7	5	5	6	6	11	13	12	11	9	12	11	15	14	12	***	***	11	14	***	8	10	7	10	10	
26	11	13	9	11	7	5	8	6	3	3	***	***	***	***	3	10	5	4	3	3	3	2	2	1	6	6	
27	***	0	0	3	3	3	3	3	4	3	4	0	3	2	2	3	5	3	2	2	2	2	2	3	4	3	
28	3	3	3	3	3	4	4	5	7	5	5	4	4	3	3	2	3	3	4	4	4	3	2	0	0	3	
29	0	0	0	2	2	2	4	5	5	6	4	3	2	3	2	2	2	2	2	3	3	4	2	3	3	3	
30	2	3	2	2	2	2	6	2	3	5	4	3	3	3	3	10	2	2	2	2	2	3	3	4	3	3	
31	6	4	4	4	4	5	6	6	8	8	5	5	5	5	8	9	10	10	7	6	5	4	4	3	3	6	
MEAN	6	5	5	5	5	5	6	6	6	6	6	6	5	5	6	6	6	6	6	5	5	6	5	5	5	5.5	

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	4	3	4	5	6	7	6	6	6	4	4	4	6	2	5	5	6	6	6	6	7	5
2	7	8	6	7	9	11	11	15	12	11	10	8	8	8	8	10	11	10	9	6	6	6	6	5	9
3	6	5	8	9	10	9	12	14	15	9	5	3	2	3	3	5	6	3	2	7	9	9	8	9	6
4	5	7	4	5	7	5	9	14	13	5	3	3	2	3	5	4	7	3	3	3	3	2	2	2	6
5	19	10	9	7	6	7	8	9	6	4	5	5	7	5	4	7	3	3	3	3	2	2	0	0	2
6	1	2	0	2	2	0	2	2	3	3	2	3	2	3	3	7	4	2	1	1	0	2	2	3	2
7	0	0	1	0	3	3	2	3	3	3	2	3	3	3	3	3	3	3	4	6	19	19	15	18	6
8	5	4	2	2	6	5	6	3	2	2	3	3	3	3	3	5	6	2	6	5	4	4	4	6	9
9	16	8	8	19	13	5	9	17	17	13	15	10	6	5	6	5	6	2	6	5	4	4	4	6	8
10	5	5	4	6	3	5	6	7	7	6	6	6	4	5	3	5	5	4	0	3	4	4	6	8	5
11	7	6	5	4	3	5	4	4	4	4	4	4	4	4	3	4	3	2	2	2	4	3	3	3	4
12	5	7	3	3	2	0	1	1	1	3	4	2	3	3	3	3	2	2	2	2	2	3	3	3	3
13	3	-	2	3	2	3	2	3	4	3	3	5	5	9	12	9	7	9	6	3	3	2	2	2	4
14	0	2	3	2	2	2	3	2	3	4	3	4	3	1	2	2	10	9	5	5	6	7	6	6	4
15	7	6	6	14	4	4	4	8	17	9	8	6	5	7	8	***	9	12	8	8	10	9	9	8	9
16	8	6	7	8	7	9	11	12	12	10	10	8	8	7	7	9	10	8	9	8	9	7	9	8	9
17	8	8	8	5	3	4	6	8	9	7	6	5	5	5	4	6	7	4	5	5	5	7	7	9	6
18	10	9	***	5	7	***	4	6	7	6	6	6	5	4	4	3	4	4	5	6	6	5	7	7	8
19	7	6	8	11	8	14	21	14	5	4	4	3	2	2	2	2	1	1	2	4	5	6	6	8	6
20	7	6	6	5	3	8	16	20	14	10	9	9	8	8	8	9	8	5	6	9	8	6	6	9	8
21	8	8	8	7	7	7	8	11	11	10	10	10	4	4	4	6	9	2	3	3	6	6	7	4	7
22	4	3	3	5	4	3	5	6	8	7	4	3	3	3	4	3	4	3	3	2	2	2	2	3	4
23	3	3	3	***	***	4	6	8	11	***	8	5	7	5	5	6	7	6	5	5	7	3	5	5	6
24	5	6	6	5	4	4	6	6	7	***	5	5	4	4	4	7	7	5	3	3	-	5	3	4	5
25	6	4	4	4	5	3	7	7	6	8	9	5	7	4	1	0	0	2	4	3	2	4	5	4	4
26	5	5	4	3	5	4	4	5	3	3	2	2	1	2	2	2	2	2	2	3	5	3	2	3	4
27	2	4	5	8	5	5	5	6	5	6	3	3	4	3	3	3	5	3	3	3	4	3	3	3	4
28	3	3	2	4	4	5	5	9	9	6	5	4	4	***	3	4	4	6	4	4	5	5	13	9	5
MEAN	6	5	5	6	5	5	7	8	8	6	6	5	5	4	4	5	5	4	4	4	5	5	5	6	5.4

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES



## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - MAY 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	4	1	0	2	3	3	2	2	2	2
2	2	3	3	3	4	7	7	3	2	2	0	1	1	2	3	4	5	7	14	6	1	2	2	2	4
3	3	2	2	3	3	4	6	4	2	---	3	2	5	2	2	3	3	15	2	3	3	4	3	3	4
4	2	6	9	5	6	9	10	10	10	7	9	9	13	9	7	5	10	6	11	8	5	7	7	9	8
5	7	7	5	11	8	15	10	9	9	7	7	8	9	10	8	9	13	6	13	5	4	9	7	4	8
6	6	8	6	4	4	4	3	6	3	8	10	9	8	5	5	6	8	3	5	5	10	6	6	4	6
7	4	4	4	4	5	5	4	4	1	2	3	7	8	6	4	5	7	9	8	9	9	11	14	14	6
8	19	13	13	9	7	11	20	18	22	12	16	21	15	21	11	15	12	4	3	3	2	2	3	3	11
9	2	3	2	3	3	3	4	7	1	3	3	5	---	2	1	3	2	1	2	2	2	2	2	0	3
10	0	0	0	0	1	2	3	3	---	3	3	3	2	3	3	4	2	2	3	2	3	4	6	5	2
11	3	2	3	4	3	7	7	6	4	6	6	5	5	4	5	6	4	3	4	19	22	22	15	9	7
12	11	21	28	14	10	13	11	15	24	23	13	27	27	18	8	5	4	3	3	6	6	5	9	6	13
13	4	5	20	11	13	11	10	13	12	16	15	20	8	15	16	9	9	5	8	13	7	7	10	5	11
14	9	21	7	6	13	10	9	8	16	10	13	13	14	9	6	8	5	9	5	6	9	10	5	7	10
15	6	7	8	7	10	7	10	13	8	9	10	9	8	9	9	11	8	6	9	8	10	8	8	13	9
16	8	8	7	8	5	10	11	10	9	13	10	13	14	17	9	13	9	11	14	8	8	8	8	7	10
17	5	0	2	2	2	20	5	8	---	11	16	10	10	13	9	12	7	8	5	8	10	11	9	9	8
18	5	6	6	5	11	9	12	10	7	3	5	15	13	14	7	7	7	4	5	4	6	6	6	7	8
19	8	5	5	6	9	12	13	13	7	8	6	5	5	4	4	4	3	5	5	3	5	5	5	5	6
20	6	4	4	5	4	7	6	6	6	6	4	4	4	4	4	5	3	2	2	2	0	2	0	2	4
21	1	2	1	0	0	0	0	0	0	0	0	2	2	0	1	2	0	5	2	1	1	2	2	2	1
22	1	0	2	2	4	5	2	2	3	4	4	2	2	0	2	0	2	2	3	2	3	6	7	8	3
23	5	7	8	7	7	11	12	17	10	12	14	16	17	11	19	24	18	19	26	17	10	11	11	16	14
24	---	12	12	11	12	14	23	12	---	9	14	15	23	15	20	14	16	10	8	6	8	8	14	12	13
25	15	13	12	16	13	14	16	13	7	7	4	4	5	6	5	11	8	7	9	7	8	9	9	6	9
26	6	6	7	8	9	11	12	11	8	6	6	4	4	5	4	3	12	12	---	5	5	7	7	9	7
27	9	9	10	11	10	9	10	11	11	---	22	19	21	19	23	20	22	18	21	19	8	10	10	10	14
28	10	10	10	8	9	8	9	9	8	4	2	3	3	8	15	15	17	16	6	8	5	4	7	8	8
29	6	8	6	6	9	10	14	16	8	10	8	7	5	13	14	13	16	13	22	10	16	9	8	8	11
30	9	14	13	9	9	9	12	16	13	25	25	20	25	24	24	---	25	19	14	15	13	11	9	6	16
31	4	3	3	3	2	4	5	6	5	6	6	5	4	4	3	3	2	3	2	3	3	5	2	1	4
MEAN	6	7	7	6	7	9	9	9	8	8	8	9	9	9	8	8	8	8	8	7	7	7	7	7	7.7

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - JUN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	3	4	6	8	7	7	9	12	14	13	15	16	13	17	12	11	---	11	12	4	9
2	8	7	9	5	4	6	8	8	7	7	3	3	---	5	2	3	3	2	2	2	3	3	4	5	2
3	3	2	1	1	0	2	0	0	1	2	2	2	1	0	0	2	0	2	0	2	0	3	3	3	3
4	4	5	4	3	3	3	3	1	2	2	1	0	2	2	4	2	2	3	3	4	3	3	3	3	2
5	3	4	2	3	2	3	4	3	3	2	2	2	0	0	3	0	2	2	0	3	2	2	4	3	3
6	3	3	5	5	6	9	8	7	5	7	6	4	5	---	---	---	---	---	---	---	---	---	---	---	---
7	3	9	8	5	8	15	18	17	19	22	18	15	20	19	12	21	19	14	13	12	12	11	10	8	14
8	10	15	11	7	4	4	5	6	4	5	2	2	3	4	3	3	2	4	2	2	3	2	3	3	5
9	1	3	3	3	2	6	4	6	3	0	3	1	3	7	3	3	2	2	2	2	3	2	2	3	3
10	2	3	3	3	4	5	5	6	12	8	9	10	10	15	11	13	15	6	2	3	5	4	4	3	7
11	3	2	3	3	5	5	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
12	2	3	3	3	3	4	5	6	6	6	5	---	---	6	6	5	4	2	0	0	1	2	2	2	3
13	0	0	2	1	0	2	0	3	0	3	1	3	0	3	2	2	2	2	3	3	3	5	2	2	3
14	2	2	2	3	4	7	6	4	2	1	2	0	2	2	2	3	2	2	2	3	4	3	2	2	4
15	2	2	3	2	3	3	5	5	4	4	3	3	4	4	4	4	4	3	3	5	2	5	4	4	4
16	3	2	2	2	3	10	10	15	22	24	18	18	20	13	18	17	13	17	15	14	14	9	11	11	13
17	10	13	9	6	7	9	10	9	9	13	18	---	---	5	4	5	6	5	4	4	3	3	3	3	7
18	3	4	4	4	3	2	2	3	3	3	3	2	2	2	2	2	1	0	0	2	2	2	1	2	2
19	2	2	6	2	6	4	9	10	7	5	2	3	2	2	2	2	3	3	3	2	3	4	7	9	4
20	15	15	9	15	8	11	10	10	---	11	5	8	13	13	12	10	9	8	14	9	5	7	7	6	10
21	9	10	9	10	12	18	14	13	18	19	15	14	7	4	4	4	4	3	2	3	3	4	4	4	9
22	4	4	4	3	2	4	4	6	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	3
23	2	4	2	5	4	5	4	0	0	1	1	2	2	7	10	9	6	5	4	5	2	2	2	2	4
24	12	2	0	3	6	4	5	6	7	6	8	7	5	6	12	4	8	4	2	2	3	3	3	4	5
25	4	5	3	5	6	3	4	3	3	5	13	9	13	10	14	11	20	29	18	15	7	11	10	9	10
26	13	10	8	10	11	9	7	6	7	6	6	9	5	4	4	5	5	2	3	2	3	3	3	3	6
27	3	3	2	3	3	4	6	7	---	7	9	6	5	7	5	5	3	4	2	3	3	2	2	2	4
28	2	0	0	0	0	4	4	4	4	2	2	2	2	2	2	2	1	2	2	2	3	3	2	3	2
29	2	4	4	3	4	4	5	6	5	3	3	3	3	3	3	4	2	2	2	2	3	6	5	5	4
30	2	3	3	2	2	2	2	3	5	9	11	7	8	8	12	8	9	8	9	3	0	0	0	1	5
MEAN	4	5	4	4	4	6	6	6	6	6	6	5	6	5	6	6	6	5	4	4	4	4	4	4	5.1

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025													MONTH - JUL 78												
BARTON/WENTWORTH HAMILTON																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	3	3	3	3	6	6	9	8	2	3	1	0	0	1	1	1	2	2	4	3	7	
2	7	9	7	2	5	3	6	9	11	7	6	4	5	6	6	5	6	4	3	4	3	2	5	3	5
3	3	4	6	6	4	7	4	9	6	8	6	5	5	8	9	5	7	3	6	8	2	5	4	5	6
4	5	2	4	5	2	6	9	6	8	8	11	6	7	7	9	9	9	12	10	3	4	7	7	8	7
5	6	9	5	9	11	9	14	10	7	4	3	3	7	6	14	12	8	3	3	2	2	2	3	3	6
6	3	3	3	4	5	8	8	7	5	7	***	3	6	5	4	5	4	4	5	4	5	4	5	5	5
7	5	5	5	6	6	7	10	10	7	9	8	6	5	8	7	5	4	4	4	4	4	5	5	4	6
8	4	3	4	4	4	4	3	3	3	3	2	2	3	2	2	1	0	0	2	0	0	0	0	0	2
9	0	0	0	0	1	1	1	2	2	2	1	1	0	2	1	0	0	0	1	0	2	3	3	2	1
10	2	3	2	3	2	0	2	3	5	2	2	1	2	2	2	2	2	2	0	4	3	2	4	5	2
11	5	2	2	2	2	5	7	7	3	1	2	0	0	2	2	2	1	0	0	2	3	0	4	4	2
12	3	3	5	4	3	4	7	6	0	5	3	3	3	4	4	4	3	2	3	3	3	3	2	3	3
13	2	4	0	3	4	6	9	11	7	7	7	7	8	6	8	7	6	5	5	6	7	4	6	5	6
14	6	7	4	5	6	9	10	6	5	5	10	7	5	5	3	5	3	2	2	14	10	4	4	4	6
15	6	4	6	3	4	4	5	5	4	4	4	4	4	4	4	5	4	5	3	3	4	6	3	2	4
16	0	0	0	0	0	0	1	1	3	2	7	10	8	6	9	6	4	5	7	0	0	0	0	0	3
17	1	0	3	0	0	0	2	3	3	5	3	4	3	2	2	7	7	4	2	3	2	2	4	4	3
18	5	7	7	9	7	9	13	11	11	6	6	5	5	5	6	4	3	3	4	3	3	4	3	3	6
19	4	3	3	5	6	8	10	10	9	12	9	7	7	8	7	8	8	6	7	6	5	6	7	5	7
20	5	5	4	4	5	8	11	13	10	10	9	7	5	0	8	6	5	5	3	4	4	4	***	4	6
21	5	4	5	4	7	8	5	10	13	8	13	11	14	8	7	6	7	5	6	12	3	5	5	3	7
22	3	3	3	3	3	4	5	6	5	5	4	4	5	4	3	3	2	5	4	5	4	4	4	4	4
23	4	3	2	2	2	2	2	2	1	2	2	2	1	0	2	2	0	1	1	0	0	0	0	0	1
24	2	2	3	3	4	4	11	9	10	6	6	5	9	11	14	9	9	6	5	5	8	14	8	5	7
25	9	8	8	7	6	4	8	15	16	18	16	18	20	12	16	15	12	12	5	4	4	4	5	4	10
26	4	4	4	3	3	4	5	6	5	5	5	5	***	5	6	5	4	4	5	4	0	4	4	2	4
27	2	***	5	0	2	3	4	***	8	6	5	4	6	2	7	0	4	2	3	4	2	0	0	2	2
28	0	4	2	0	0	4	2	3	0	2	0	1	3	3	2	2	2	3	2	2	3	0	0	2	3
29	3	4	0	4	0	3	3	4	3	2	4	3	4	4	4	5	3	3	1	0	0	2	0	2	3
30	2	0	2	0	0	0	1	2	0	2	5	6	6	7	5	6	3	2	7	5	5	10	7	12	4
31	4	8	6	5	9	14	13	7	15	18	11	10	13	15	13	11	23	18	9	5	9	15	8	6	11
MEAN	4	4	4	3	4	5	6	7	6	6	6	5	6	5	6	5	5	4	4	4	3	4	4	4	4.7

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025													MONTH - AUG 78												
STATION - WC NO 29025	BARTON/WENTWORTH HAMILTON																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	3	7	11	12	13	10	7	7	6	3	****	6	6	5	3	4	5	8	8	8	4	6
2	7	5	7	6	9	12	17	14	13	8	6	6	6	5	6	6	8	7	5	6	6	3	3	3	7
3	2	2	3	3	4	9	7	6	8	10	9	6	3	11	8	16	9	8	10	8	0	1	0	6	
4	2	0	3	0	4	5	0	3	5	2	2	0	2	4	2	3	2	2	1	2	2	3	3	4	
5	8	10	2	6	4	4	7	6	11	19	19	16	15	13	7	5	5	6	7	4	6	6	5	9	
6	3	2	4	2	2	7	2	4	4	6	3	4	3	4	5	6	4	3	4	8	4	5	9	12	
7	9	8	8	11	11	11	8	14	11	4	7	7	16	16	15	13	15	11	9	6	6	5	6	10	
8	7	5	4	8	10	6	6	4	6	5	5	5	6	6	7	5	3	3	3	3	3	3	3	5	
9	3	3	3	3	4	5	5	4	***	5	5	5	4	6	3	5	6	3	4	4	5	4	2	2	
10	2	3	0	3	0	7	5	8	3	16	13	14	14	19	18	15	11	15	10	5	7	2	10	9	
11	8	8	5	5	9	6	11	10	14	****	****	9	15	12	7	9	13	9	6	13	6	9	10	8	
12	8	8	7	4	4	5	7	8	10	6	4	3	3	4	8	9	6	4	3	4	4	3	4	4	
13	4	3	3	3	3	6	6	6	7	6	5	5	4	4	4	4	4	3	3	4	4	4	4	4	
14	4	4	4	4	4	8	11	11	10	10	8	7	5	7	6	13	7	7	6	6	5	6	7	6	
15	7	12	7	6	9	8	12	15	8	8	8	13	10	6	7	5	4	5	11	7	3	3	4	3	
16	4	3	4	4	5	7	6	5	0	3	8	5	5	5	3	3	2	1	1	3	2	3	4	5	
17	***	2	1	3	2	2	4	3	4	3	2	2	4	3	2	4	3	1	1	1	3	4	5	7	
18	3	5	4	6	7	9	13	11	8	12	15	22	20	18	19	15	17	15	12	6	12	8	5	11	
19	7	5	6	9	10	5	5	4	4	5	5	4	5	3	3	3	3	3	3	3	3	3	3	4	
20	0	0	2	0	2	0	3	0	0	1	3	6	6	3	3	3	5	4	7	3	0	0	0	2	
21	2	8	0	1	1	3	3	2	2	3	****	6	20	15	15	14	13	13	15	10	9	7	7	8	
22	8	13	4	15	6	15	9	11	15	14	13	8	5	5	4	4	3	5	5	5	5	6	5	8	
23	5	5	5	6	6	9	12	11	13	21	23	22	31	22	10	8	6	4	6	5	6	6	6	11	
24	7	7	8	9	7	8	9	9	9	9	9	8	8	8	16	18	16	14	16	15	14	17	9		
25	16	12	12	2	3	5	2	6	3	7	4	5	6	5	7	9	10	12	15	18	9	7	9	7	
26	6	4	6	3	6	5	7	4	6	7	4	5	4	6	6	3	3	2	4	4	3	4	4	5	
27	3	3	4	2	3	11	6	4	6	4	5	4	6	3	3	3	3	3	3	4	6	9	11	9	
28	6	4	3	3	4	6	11	7	5	5	3	3	5	4	3	3	3	3	2	3	2	0	0	4	
29	0	0	0	0	0	2	3	3	***	***	3	3	3	3	3	3	2	2	2	2	3	2	0	0	
30	7	6	6	4	5	10	8	12	8	6	5	3	3	6	5	-	-	-	***	5	4	4	1	6	
31	8	2	1	3	0	13	2	6	5	9	6	7	11	11	15	11	8	6	8	5	5	9	11	9	
MEAN	5	5	4	4	5	7	7	7	7	8	7	7	8	8	8	7	7	6	6	6	5	5	5	6	

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - SEP 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	12	4	9	6	13	9	11	3	7	9	7	6	11	11	6	7	4	5	4	3	2	3	2	7
2	3	2	2	1	4	4	9	8	3	3	3	3	2	3	3	3	3	3	2	2	3	3	4	3	3
3	4	3	3	3	3	3	4	4	4	4	4	4	3	6	10	2	2	0	0	0	0	0	3	0	3
4	0	2	0	0	0	0	2	0	2	0	0	0	1	2	0	0	0	2	1	1	1	1	2	1	1
5	0	1	2	1	2	4	5	8	8	5	5	13	10	13	10	6	11	5	5	5	2	5	3	3	6
6	3	3	3	2	3	5	5	4	***	7	9	4	6	5	4	5	5	5	5	5	6	5	5	5	5
7	3	3	3	2	3	6	9	7	5	3	2	4	6	5	6	2	3	2	4	2	3	2	0	4	4
8	1	3	4	2	4	0	2	6	2	5	6	4	5	3	4	2	2	2	0	4	0	3	5	1	3
9	5	0	9	***	0	3	0	0	3	2	2	2	3	3	3	3	2	0	1	4	0	3	5	0	2
10	2	3	2	0	0	0	3	3	2	5	5	4	3	1	2	10	2	3	2	2	5	3	3	7	3
11	4	12	22	4	4	6	7	6	9	6	8	***	***	***	5	6	3	6	4	8	3	9	6	10	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	5	5	4	4	7	5	2	4	1	5
13	7	5	9	5	3	6	6	4	5	3	4	7	***	***	4	5	5	4	4	7	5	2	4	1	5
14	5	1	3	4	3	12	11	15	14	10	6	9	-	14	13	10	5	7	-	-	3	4	3	8	3
15	2	2	0	0	0	5	3	***	***	2	3	3	3	3	3	3	3	3	2	6	5	3	2	4	3
16	0	2	3	0	5	2	3	2	2	0	0	0	0	2	0	2	2	0	1	4	0	0	2	0	1
17	2	4	3	1	5	3	8	5	4	4	0	4	12	5	2	8	4	5	0	3	6	5	9	11	5
18	10	14	9	11	9	9	8	13	9	12	***	15	12	6	13	11	16	7	9	13	10	8	4	3	10
19	2	2	2	1	1	2	3	5	9	11	7	9	14	6	***	13	10	9	3	4	14	6	8	6	6
20	12	13	10	11	7	15	16	15	16	16	18	14	14	17	15	16	14	13	10	12	8	8	16	13	13
21	17	11	7	5	4	4	6	8	***	7	6	5	5	3	2	2	8	2	0	2	3	2	0	1	5
22	1	0	3	0	0	0	2	4	4	6	8	***	8	9	6	7	5	4	8	3	2	1	0	3	4
23	4	4	4	5	5	6	7	5	8	8	3	9	11	5	4	2	3	2	5	3	6	5	9	12	6
24	8	7	6	6	5	5	4	6	6	2	3	3	***	***	2	2	2	3	5	4	3	6	5	4	4
25	6	0	4	3	0	7	3	0	2	2	0	0	4	0	0	0	3	2	2	***	2	4	5	1	2
26	3	10	1	6	3	13	16	13	8	5	5	3	6	3	5	5	3	1	3	5	3	5	5	3	6
27	4	6	4	4	8	8	9	11	8	7	6	7	6	5	5	6	6	5	4	6	5	2	1	2	6
28	0	0	2	1	0	1	3	5	3	0	2	2	5	4	6	6	9	6	10	7	2	2	3	11	4
29	9	12	13	13	14	16	25	24	14	4	5	3	7	7	9	7	4	5	4	10	5	5	11	14	4
30	12	9	10	19	22	16	19	11	5	9	6	6	6	6	6	6	6	7	***	4	2	2	2	2	8
MEAN	5	5	5	4	4	6	7	7	6	6	5	5	6	6	6	6	5	4	4	5	4	4	5	4	5.1

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - OCT 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	2	4	5	2	2	0	4	0	3	0	3	0	2	3	3	1	3	2	0	2
2	0	2	3	2	3	3	4	4	4	4	7	8	8	2	3	9	8	5	5	3	4	6	11	16	5
3	12	11	13	13	13	21	35	24	17	13	***	9	7	5	15	18	7	9	6	10	9	15	8	2	13
4	2	3	0	2	2	3	4	5	7	3	2	5	***	5	5	5	2	5	0	5	0	4	4	1	3
5	4	2	3	0	2	0	5	2	3	4	7	3	2	2	3	2	3	3	1	2	2	1	0	0	2
6	0	0	2	0	0	0	2	1	1	2	2	0	1	1	-	3	2	1	2	2	2	2	2	3	1
7	0	0	0	0	0	0	2	0	0	4	0	0	1	0	0	2	0	2	2	1	3	3	3	4	2
8	3	3	0	1	2	1	2	0	0	4	0	0	1	0	0	2	0	2	2	1	3	3	3	4	2
9	3	3	4	5	6	4	4	3	***	***	2	1	2	2	1	0	3	3	3	3	2	3	2	3	3
10	1	3	3	3	3	4	5	7	7	8	7	5	7	5	5	5	4	6	6	5	9	5	6	5	5
11	7	10	8	11	13	14	17	16	16	11	8	6	5	7	6	7	5	6	4	4	4	4	7	4	8
12	6	3	6	2	3	6	6	4	***	6	4	6	5	4	4	6	6	7	4	4	0	3	2	4	4
13	0	4	0	3	4	2	9	9	3	3	3	2	4	4	4	3	3	3	3	2	3	2	1	1	3
14	2	0	1	0	0	0	0	0	0	1	1	0	2	7	2	0	1	1	0	2	0	3	4	1	1
15	4	2	4	2	0	2	1	2	2	0	0	0	3	0	0	2	3	3	4	3	5	5	6	2	2
16	5	3	4	3	3	3	4	5	7	15	8	5	7	10	13	7	9	10	6	4	3	3	4	3	6
17	7	8	7	8	10	13	15	17	13	6	3	3	3	10	12	7	4	5	3	4	5	5	9	9	8
18	6	7	10	8	11	13	4	8	10	7	9	7	5	6	7	8	7	10	7	6	6	7	4	3	0
19	9	6	8	10	8	7	11	16	9	7	5	3	6	8	4	5	5	7	6	6	7	4	3	0	7
20	3	1	4	4	5	11	12	13	8	4	4	2	4	5	3	7	2	4	5	2	4	3	5	6	5
21	3	2	5	5	5	3	8	4	6	5	6	4	4	5	4	3	4	4	4	4	3	3	4	4	4
22	5	2	5	3	5	3	5	4	4	4	4	4	4	4	4	5	4	4	5	5	5	5	5	4	4
23	6	5	4	4	2	2	3	4	2	1	3	0	0	2	1	2	2	0	0	0	2	3	4	4	2
24	2	3	4	3	4	7	12	11	***	6	4	3	2	3	5	5	4	2	4	5	4	4	3	3	4
25	4	3	4	3	7	7	6	7	5	7	5	5	7	5	6	4	4	4	3	3	3	2	3	3	5
26	3	3	3	3	3	4	7	3	4	3	2	4	4	4	5	6	0	6	3	6	5	3	4	4	4
27	4	2	2	0	3	3	6	6	4	7	5	5	3	5	4	4	3	3	3	3	3	3	1	4	4
28	3	3	4	3	3	7	7	10	7	4	3	2	1	3	0	1	2	3	2	2	2	3	4	4	4
29	3	3	2	2	1	3	5	3	3	3	7	9	8	9	7	8	4	7	6	2	4	4	3	5	7
30	3	3	7	7	8	6	3	***	15	12	12	5	5	4	5	7	7	9	11	7	6	3	3	5	7
31	5	4	5	5	5	5	7	13	16	3	11	9	10	8	5	4	4	4	3	4	2	3	5	6	6
MEAN	4	4	4	4	4	5	7	7	6	5	5	4	4	4	5	5	4	4	4	4	3	4	4	4	4.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29025				BARTON/WENTWORTH HAMILTON										MONTH - NOV 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	5	3	4	5	6	11	16	12	11	8	7	9	11	8	4	5	8	6	3	2	5	5	4	7	
2	3	3	4	3	3	3	5	6	8	5	7	6	7	7	6	8	9	10	9	9	10	10	15	13	7	
3	11	13	12	16	14	16	24	33	27	21	21	21	31	30	37	29	21	21	26	21	22	18	20	18	22	
4	19	19	17	14	12	12	11	15	13	12	11	13	10	10	7	9	10	10	12	11	9	12	13	14	12	
5	14	14	10	15	16	18	15	15	14	13	10	9	9	10	8	9	4	8	7	7	6	6	8	7	11	
6	6	7	7	7	7	7	7	12	11	12	9	4	3	4	3	3	2	2	3	0	3	1	5	4	5	
7	3	3	3	3	2	2	4	3	3	***	0	3	1	4	2	3	4	3	4	1	3	2	6	7	3	
8	8	5	5	5	6	9	14	23	22	16	2	5	5	4	4	5	4	6	4	5	4	3	4	4	7	
9	3	3	2	3	0	5	3	6	5	4	5	2	6	5	4	5	6	5	6	8	6	7	8	10	5	
10	19	16	8	13	13	12	12	14	12	13	14	16	15	17	16	19	17	12	10	12	13	15	10	9	14	
11	8	10	8	7	9	11	11	12	13	11	11	9	8	8	8	9	8	8	8	7	5	2	0	1	8	
12	0	0	0	8	3	5	7	7	6	6	8	7	9	7	0	8	2	3	3	2	2	3	3	4	4	
13	2	3	2	2	2	2	9	5	6	6	10	8	10	11	10	17	18	10	12	7	7	7	6	6	7	
14	8	6	8	6	6	6	5	5	3	2	2	4	3	2	3	3	3	3	2	2	2	3	2	4	4	
15	2	1	1	2	0	2	3	4	4	4	4	3	2	4	2	4	5	4	7	8	8	8	9	7	4	
16	7	6	6	6	7	7	7	15	6	4	5	7	10	***	7	13	8	7	7	6	7	5	4	5	7	
17	5	6	6	4	4	4	6	5	6	10	11	15	16	20	10	2	3	6	3	4	2	5	2	2	1	
18	3	2	2	0	1	0	1	1	1	2	1	1	2	2	2	3	3	3	3	3	3	3	4	3	2	
19	3	3	2	2	2	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	3	4	5	6	3	
20	5	5	0	0	0	0	0	2	3	3	2	2	4	20	10	***	9	10	6	4	3	3	4	3	2	4
21	2	2	2	2	1	1	2	3	4	5	8	6	7	9	***	7	11	4	8	6	7	7	3	4	5	
22	4	2	3	3	3	4	7	7	6	5	6	6	5	7	10	9	11	6	8	8	11	10	17	8	7	
23	7	8	8	7	8	7	16	12	14	15	11	16	9	6	6	5	6	5	4	4	4	4	4	4	8	
24	3	3	3	2	3	3	4	5	4	2	3	4	3	4	4	5	5	6	3	3	3	2	3	2	3	
25	3	2	2	2	2	2	2	2	3	2	2	2	1	2	2	0	0	0	0	1	1	0	2	0	1	
26	0	0	0	0	0	0	0	0	1	0	2	3	4	3	3	4	3	3	3	4	4	4	2	2	2	
27	2	2	2	5	8	13	15	14	7	6	9	8	13	11	8	9	17	16	8	9	5	3	2	3	8	
28	3	5	4	5	4	6	9	9	10	8	10	6	6	6	6	5	5	4	3	3	4	4	4	4	6	
29	4	4	4	4	5	4	6	10	12	***	8	6	5	6	7	8	11	6	6	6	5	5	5	4	6	
30	4	3	3	3	2	2	4	3	4	3	4	3	3	3	4	4	6	4	3	3	3	4	4	4	3	
MEAN	6	5	5	5	5	6	7	9	8	7	7	7	8	7	6	7	7	6	6	6	5	6	5	6	6.4	

PERCENTAGE OF DATA VALID - 99.3      PERCENTAGE OF DATA INVALID - 0.7      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - WC NO 29025		BARTON/WENTWORTH HAMILTON												MONTH - DEC 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	3	3	6	7	7	7	7	7	6	7	6	6	13	11	7	7	6	5	5	4	6
2	3	3	1	1	2	0	3	3	3	3	3	2	2	3	2	2	3	2	1	0	2	3	4	12	3
3	4	3	1	0	2	3	4	5	6	4	4	6	5	7	6	10	13	14	11	12	20	16	5	4	7
4	3	2	3	3	2	1	4	5	5	5	***	3	4	4	4	5	7	4	3	4	4	3	3	4	4
5	4	2	2	2	2	2	2	3	3	4	4	3	2	2	4	5	7	4	4	4	3	3	3	4	3
6	3	4	3	4	4	5	6	9	10	6	5	4	6	6	6	6	8	7	5	4	4	4	4	4	5
7	7	3	2	2	2	4	6	7	11	6	6	5	8	9	12	12	11	11	14	11	8	5	9	11	8
8	13	18	11	8	8	10	10	8	9	8	6	7	5	4	6	7	3	3	3	3	3	2	3	7	7
9	2	3	2	2	1	1	0	3	3	7	4	2	3	3	2	3	3	3	2	4	3	2	2	2	3
10	2	2	2	3	0	0	1	2	3	2	3	2	2	3	3	2	2	3	3	2	3	3	3	4	2
11	3	3	3	2	3	3	6	7	***	5	7	7	4	***	***	13	11	11	6	6	7	6	5	5	6
12	5	4	4	5	5	4	5	5	6	4	5	4	4	4	4	4	8	4	4	4	5	5	5	5	5
13	5	4	4	3	2	2	3	3	4	3	4	2	***	4	3	2	3	3	3	3	2	1	1	1	3
14	0	0	0	1	0	2	5	5	6	4	4	2	3	3	2	3	4	3	3	3	5	4	4	6	***
15	-	-	-	-	-	-	-	-	-	3	4	3	3	3	3	3	4	5	3	3	3	5	4	4	6
16	4	5	4	4	4	4	5	6	7	6	6	5	6	7	6	7	9	9	9	9	9	8	7	5	6
17	5	5	3	0	0	0	0	1	2	2	0	2	2	2	1	0	2	2	2	2	2	5	8	3	2
18	11	9	3	2	5	3	5	6	5	6	5	5	4	4	3	2	3	2	2	1	4	3	2	4	4
19	4	4	6	5	8	5	5	10	8	7	7	4	3	3	4	***	9	6	6	4	3	2	3	8	5
20	4	9	4	5	8	6	6	8	8	6	***	***	9	9	8	11	12	6	9	8	9	9	8	11	8
21	6	5	4	2	3	2	2	3	3	2	4	4	***	4	4	5	5	5	4	4	4	3	4	3	4
22	3	4	3	3	3	3	5	9	8	6	5	4	5	5	5	7	4	3	3	3	3	2	2	4	4
23	2	2	2	1	0	1	2	2	3	4	3	3	2	3	2	3	3	6	8	12	10	15	18	16	5
24	14	13	13	9	6	3	2	4	4	3	2	***	4	4	4	5	5	5	4	4	5	6	4	4	7
25	6	5	5	***	6	3	2	4	4	3	2	***	0	2	3	3	2	***	2	2	2	3	2	2	3
26	***	2	1	***	1	0	0	2	3	3	4	3	3	3	3	3	4	4	3	4	5	3	2	3	3
27	2	1	1	0	0	0	2	3	3	4	4	4	4	3	3	3	5	5	4	5	3	3	2	2	3
28	3	3	2	2	3	3	4	5	8	***	6	5	6	7	8	5	8	7	6	4	3	5	3	3	5
29	6	8	4	0	1	2	2	5	5	7	10	10	12	11	12	15	15	17	15	13	14	19	18	18	12
30	5	11	6	6	9	8	9	11	12	10	10	10	12	11	12	15	15	17	15	13	14	19	18	18	12
31	17	18	15	11	14	11	9	12	10	11	9	11	11	10	13	14	12	12	15	17	17	16	12	-	13
MEAN	5	5	4	3	4	3	4	6	6	5	5	4	5	5	5	6	7	6	6	6	6	5	6	5	6.1

PERCENTAGE OF DATA VALID - 95.2      PERCENTAGE OF DATA INVALID - 2.2      PERCENTAGE OF DATA UNAVAILABLE - 2.7

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
		STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - JAN 78											
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		3	3	2	2	2	2	2	2	2	1	2	2	3	3	5	4	3	3	3	3	2	3	2	2		
2		0	2	0	1	2	1	2	3	6	3	3	3	2	0	2	0	2	2	3	3	2	3	3	2		
3		2	2	3	2	2	2	2	3	5	3	4	3	1	***	0	0	2	3	3	3	5	5	4	4		
4		2	2	0	2	2	***	3	6	3	5	5	6	6	4	6	8	6	7	5	6	6	5	5	5		
5		4	2	2	3	2	3	4	6	6	5	6	5	4	5	7	7	6	4	5	5	7	-	-	5		
6		4	3	3	2	2	2	3	3	4	3	4	4	2	3	4	4	4	1	3	3	3	3	2	3		
7		4	4	3	3	3	3	4	5	3	3	5	5	6	5	6	6	6	6	6	7	5	6	6	6		
8		6	7	6	5	4	4	5	4	5	4	5	3	3	3	4	4	4	9	8	4	4	2	2	2		
9		2	0	0	0	0	0	0	0	2	2	1	1	3	2	2	0	2	2	2	2	1	2	2	2		
10		0	2	2	0	0	2	2	3	3	4	2	2	2	2	0	0	1	3	2	2	2	3	1	2		
11		2	2	2	3	2	0	1	2	2	3	4	4	4	3	4	2	2	3	5	3	4	4	4	4		
12		3	4	3	3	3	2	3	3	8	9	8	6	3	3	-	6	6	7	5	6	5	10	6	6		
13		8	7	8	3	4	3	3	5	7	***	6	6	5	6	6	5	6	6	3	3	3	3	2	2		
14		2	2	0	2	0	1	2	0	1	1	3	2	2	2	2	3	3	4	3	3	2	3	3	3		
15		2	2	1	2	1	0	2	3	4	3	2	2	2	1	1	2	2	3	3	3	3	2	0	2		
16		3	2	3	2	3	2	0	2	5	4	5	6	4	2	3	4	3	4	4	4	4	5	6	6		
17		7	7	6	6	4	4	4	6	7	8	9	7	5	6	5	5	6	5	4	3	3	3	2	2		
18		2	2	2	2	2	2	2	2	4	4	3	5	3	3	3	2	3	4	4	4	3	5	4	4		
19		5	5	7	7	6	6	7	8	10	13	10	11	7	***	***	3	6	6	6	5	6	6	4	3	7	
20		3	2	1	0	0	2	1	3	4	4	4	3	3	3	4	4	4	4	3	2	3	2	3	3		
21		2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	4	4	5	8	8	13	13		
22		12	12	10	7	5	3	5	5	4	4	6	4	4	5	5	5	4	5	4	4	4	5	3	4		
23		3	5	5	5	5	4	5	7	***	15	14	9	6	7	7	5	7	6	7	8	8	9	8	7		
24		8	7	5	8	6	8	8	12	14	13	11	13	11	11	17	12	10	11	10	10	10	9	9	10		
25		10	9	9	9	9	8	8	12	18	22	13	14	10	13	12	10	11	8	8	6	5	5	4	4		
26		3	3	3	3	2	2	2	4	2	2	3	***	-	3	4	4	5	-	3	3	3	3	2	3		
27		2	2	2	2	2	4	3	3	4	4	3	2	2	3	2	2	2	3	3	9	3	2	2	3		
28		2	0	1	0	0	0	2	2	3	2	2	2	3	2	2	0	0	0	1	2	2	0	0	2		
29		1	0	2	2	2	2	2	2	2	3	3	4	3	2	1	2	2	2	2	2	3	0	2	3		
30		2	4	4	2	0	0	2	2	5	6	4	4	4	3	2	2	6	4	5	3	3	3	2	2		
31		3	3	4	5	5	5	5	9	9	6	6	7	9	6	5	7	6	7	5	5	3	3	3	2		
MEAN		4	4	3	3	3	3	3	4	5	5	5	5	4	4	4	4	4	5	4	4	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - FEB 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	3	2	2	2	2	2	3	5	5	4	****	****	2	3	2	4	4	4	3	4	4	4	4	6	3		
2	5	5	4	4	5	5	7	7	13	12	6	8	6	7	10	***	7	7	6	6	5	5	6	6	7		
3	6	4	2	3	5	4	6	6	8	6	3	5	3	3	2	2	4	2	3	4	3	4	5	5	4		
4	4	5	4	4	3	3	4	4	6	6	6	***	***	7	5	7	6	7	7	7	11	10	11	14	6		
5	9	8	8	8	6	4	2	3	4	3	3	2	3	3	3	3	3	2	4	5	4	4	3	2	4		
6	3	2	3	1	2	1	2	3	3	6	3	4	4	***	0	2	4	4	3	3	3	2	2	2	3		
7	2	2	1	1	2	0	3	3	4	5	5	4	3	3	2	2	3	3	5	6	5	3	4	4	3		
8	3	3	3	3	2	3	3	6	9	***	9	3	3	5	3	5	6	6	6	4	5	7	5	5	4		
9	4	3	5	4	5	3	2	5	6	4	3	5	3	***	0	5	6	5	3	4	4	3	3	3	4		
10	4	3	3	3	4	3	2	7	6	9	9	10	10	9	7	6	5	3	2	2	3	3	3	3	5		
11	4	5	3	3	3	4	3	5	5	3	3	3	2	3	2	2	3	2	2	2	2	4	2	2	3		
12	2	2	1	1	0	2	2	0	2	1	2	2	1	1	0	0	2	0	2	2	1	3	2	2	1		
13	2	4	3	3	3	3	9	5	3	3	4	3	3	***	4	5	3	3	3	2	5	3	8	9	4		
14	3	3	0	0	2	3	3	6	7	6	5	4	3	3	2	3	2	2	3	5	5	6	7	4	4		
15	5	4	4	5	5	5	7	9	8	11	8	5	5	7	10	15	7	7	6	6	9	7	9	7	7		
16	7	6	6	6	7	8	9	9	9	10	10	7	8	9	10	8	4	5	6	5	7	6	5	7	7		
17	5	5	4	4	4	3	4	6	5	4	3	5	4	4	3	4	4	3	5	4	5	6	6	8	5		
18	7	6	7	7	6	***	5	6	7	6	5	4	3	3	3	3	3	4	6	6	3	2	3	3	5		
19	3	3	3	2	2	3	4	5	4	5	4	2	1	0	2	2	2	2	2	2	3	2	3	5	3		
20	4	2	4	4	3	5	5	6	7	10	10	11	7	***	***	9	7	7	5	***	7	6	5	8	6		
21	6	3	3	3	4	5	5	7	10	6	7	6	5	4	3	3	3	3	2	3	2	3	2	2	4		
22	2	2	3	2	3	3	3	5	5	2	2	1	2	2	3	2	2	2	2	***	***	3	2	3	3		
23	3	3	4	4	4	3	6	9	9	7	9	9	7	4	5	5	5	4	4	4	7	3	5	6	5		
24	7	6	5	6	5	4	4	5	4	3	2	***	***	0	2	2	5	5	5	5	6	7	3	5	4		
25	5	4	4	3	3	0	4	6	5	3	3	3	4	2	2	2	2	2	3	2	2	2	3	3	3		
26	3	3	2	0	2	1	2	2	2	0	0	0	0	0	0	1	2	2	1	1	3	2	2	0	1		
27	2	3	3	4	3	3	3	4	3	3	3	2	2	2	2	2	2	3	3	2	3	4	3	3	3		
28	3	3	5	5	6	5	6	10	11	8	8	-	***	5	6	5	5	4	4	5	6	4	4	4	6		
MEAN	4	4	4	3	4	3	4	6	6	5	5	5	4	4	3	4	4	4	4	4	4	4	4	5	4.2		

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO															MONTH - MAY 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	3	2	2	1	2	1	1	2	1	2	0	1	2	3	2	2	3	2	3	
2	3	2	3	2	1	2	3	2	1	2	2	1	2	0	2	2	1	2	2	3	2	2	2	0	2
3	0	0	1	2	2	2	4	5	5	12	10	10	5	6	.....	.....	0	1	3	2	2	3	4	2	4
4	2	2	2	2	2	3	5	3	3	3	2	2	.....	.....	2	3	2	2	3	2	2	2	2	2	2
5	13	3	1	3	2	3	6	5	5	5	3	3	2	4	5	3	3	3	3	3	3	4	3	2	4
6	3	3	2	2	2	3	3	3	3	3	3	3	5	6	4	5	4	5	6	6	8	6	3	3	4
7	4	3	4	3	4	2	4	3	2	3	3	2	2	2	3	2	2	3	1	3	3	3	3	2	3
8	3	3	3	3	3	4	6	5	.....	4	6	5	8	10	7	11	6	6	5	5	4	4	5	5	5
9	3	3	7	5	6	7	7	6	9	10	9	6	4	4	3	3	1	2	2	2	3	3	3	0	5
10	0	0	0	0	2	2	2	.....	2	0	0	0	0	2	0	2	1	1	2	1	2	4	3	4	1
11	5	4	6	7	6	14	10	9	9	8	9	7	7	6	7	7	5	5	7	.....	7	6	9	10	7
12	7	8	7	4	5	.....	.....	13	11	27	11	8	11	10	12	7	3	3	3	4	5	5	4	4	8
13	4	5	4	4	5	5	3	5	4	4	3	3	4	6	4	3	2	5	3	3	3	2	1	4	4
14	0	2	2	1	2	3	2	2	1	2	3	.....	0	0	0	2	2	2	0	2	2	0	0	0	1
15	1	1	0	1	0	0	2	3	3	3	3	2	3	2	1	3	3	3	2	2	3	1	2	2	2
16	2	1	2	2	2	2	4	4	5	3	3	3	3	3	3	9	4	3	2	4	6	2	3	3	3
17	0	2	2	0	0	3	5	4	4	6	3	3	4	3	3	2	2	3	2	3	3	3	4	3	3
18	4	2	3	4	7	8	10	16	20	17	31	11	.....	9	11	8	6	3	5	3	9	13	11	7	9
19	7	15	9	12	11	17	12	15	12	9	13	10	11	11	10	8	9	2	2	3	7	9	10	10	10
20	12	7	8	6	3	5	11	13	11	9	8	7	8	6	6	7	3	1	4	3	2	2	3	5	6
21	4	0	0	0	0	1	4	0	0	0	0	0	1	3	3	2	0	1	0	2	0	2	2	3	1
22	1	2	2	2	2	3	5	8	4	3	3	4	3	2	2	3	2	2	2	3	3	4	6	3	3
23	3	2	10	10	8	5	8	6	5	4	3	2	3	5	5	7	7	7	7	6	7	3	5	7	6
24	8	10	10	12	11	15	12	15	14	9	6	6	8	8	6	7	4	6	6	10	10	10	4	4	9
25	3	3	3	6	7	6	8	8	8	5	4	4	5	.....	3	6	3	3	3	3	3	6	5	5	5
26	4	6	6	8	7	5	8	9	6	6	14	11	13	10	11	9	5	4	6	7	7	6	9	18	8
27	7	7	11	11	10	13	14	13	11	10	11	7	8	8	6	7	5	5	4	6	7	8	12	9	9
28	9	7	11	9	10	10	12	8	12	6	5	4	3	4	5	4	7	4	3	3	3	11	5	7	7
29	3	7	8	5	6	13	11	18	18	10	12	12	9	10	7	7	5	4	4	4	4	5	4	6	8
30	6	6	7	7	11	14	12	17	18	14	12	11	11	11	9	6	7	7	8	5	6	7	14	8	10
31	9	11	12	9	9	11	14	12	9	10	8	8	11	3	2	2	1	0	0	2	0	0	2	0	6
MEAN	4	4	5	5	5	6	7	8	7	7	7	5	5	5	5	5	3	3	3	4	4	4	5	5	5.0

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO															MONTH - JUN 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	1	2	3	3	7	4	***	6	6	10	6	2	2	4	0	3	4	7	3
2	6	5	8	9	8	10	13	15	14	15	13	4	2	2	3	0	0	1	1	1	2	2	3	0	6
3	0	0	0	0	0	0	0	3	2	2	0	0	1	3	4	2	0	0	0	1	1	0	1	1	1
4	1	2	4	4	3	3	4	4	3	1	2	3	3	3	3	3	2	4	3	3	4	3	3	4	3
5	5	4	3	2	2	1	3	2	2	1	2	2	0	3	0	1	1	1	2	0	1	3	3	5	2
6	4	3	7	4	7	7	8	8	7	10	10	9	5	6	6	-	-	6	6	4	7	5	7	2	2
7	5	9	7	7	8	8	11	13	13	10	16	13	10	12	11	11	10	6	6	8	7	7	7	10	9
8	8	7	6	6	9	6	5	7	10	11	8	4	3	3	***	4	3	4	2	1	***	9	2	***	6
9	***	***	0	2	2	2	4	4	3	2	2	1	2	2	2	2	2	1	1	1	1	1	1	2	2
10	0	1	3	3	4	6	4	4	4	4	3	2	3	3	2	2	3	3	3	4	6	5	4	4	3
11	7	7	3	3	4	4	5	7	6	6	6	6	6	5	4	5	3	3	3	3	4	3	5	4	5
12	4	4	4	3	4	6	6	7	8	9	10	10	10	9	10	6	3	4	3	4	0	0	0	0	5
13	0	0	1	0	0	0	2	1	1	0	2	3	0	2	3	2	2	0	0	0	1	1	0	0	1
14	2	2	0	1	1	2	3	3	2	0	1	1	1	0	0	1	0	0	1	0	1	3	3	2	1
15	2	0	0	2	2	2	4	4	4	2	2	5	4	***	3	3	3	3	3	4	4	3	4	7	3
16	7	8	4	4	6	7	7	10	7	7	6	5	8	7	5	4	4	3	3	4	4	5	5	5	6
17	***	***	6	4	4	6	11	11	9	9	9	9	8	7	8	7	6	5	5	5	6	6	4	5	7
18	5	4	6	4	3	2	2	3	3	6	6	3	2	2	1	0	0	0	0	0	0	1	1	2	2
19	1	2	2	2	2	3	5	6	6	5	5	4	7	7	9	5	5	5	4	0	0	1	2	2	4
20	5	4	5	3	3	3	7	7	4	5	9	10	10	9	8	11	8	6	5	4	4	5	7	6	6
21	6	6	7	8	7	7	7	9	12	17	13	9	11	14	16	11	10	6	1	0	2	2	2	2	8
22	2	2	2	0	0	3	2	2	2	2	1	2	0	0	0	0	2	2	0	0	3	4	4	2	2
23	2	1	1	2	0	2	2	0	***	0	3	0	1	0	1	0	2	0	0	2	0	1	1	2	3
24	2	2	2	0	0	0	2	3	8	13	5	2	2	2	2	1	1	2	1	1	2	4	2	4	3
25	4	4	10	10	6	6	9	6	5	3	4	3	2	2	3	3	2	3	3	2	3	5	8	7	5
26	6	6	5	6	6	5	9	10	10	12	6	9	5	10	6	6	5	4	3	5	4	3	5	4	3
27	3	4	5	6	4	5	11	11	12	13	14	11	10	11	3	3	2	2	2	1	0	0	0	0	5
28	0	0	0	0	1	2	3	4	4	4	2	2	4	3	3	2	2	2	2	1	2	2	3	2	3
29	2	2	3	3	1	3	5	5	5	5	3	3	3	***	***	0	3	2	2	3	3	0	2	3	3
30	1	1	1	0	0	0	3	3	3	3	3	2	2	3	1	3	2	0	0	0	0	1	0	1	1
MEAN	3	3	4	3	3	4	5	6	6	6	6	4	4	5	4	4	3	3	2	2	2	3	3	3	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO															MONTH - SEP 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	2	0	2	3	5	4	3	8	6	4	5	4	6	6	5	4	5	4	4	4	4	4
2	6	5	6	5	4	5	5	5	7	4	5	6	5	4	3	***	4	4	4	4	5	3	5	5	5
3	3	4	4	4	4	4	3	3	3	5	6	4	5	6	6	4	3	0	3	3	0	0	0	1	3
4	0	0	0	0	1	0	1	2	2	2	1	1	3	6	2	2	2	2	3	3	0	0	2	2	2
5	3	4	3	3	5	6	6	7	6	5	***	7	6	6	10	8	7	6	4	5	3	4	3	4	5
6	5	5	4	5	5	6	7	10	10	16	14	3	3	2	3	3	4	4	5	8	7	5	2	3	6
7	2	2	0	2	2	2	3	4	0	3	2	1	2	2	1	0	1	0	1	0	0	1	0	0	1
8	0	0	1	0	0	1	2	3	***	3	3	2	3	3	2	2	3	2	4	5	5	4	4	3	2
9	3	3	3	3	2	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1
10	1	0	0	0	0	0	1	0	0	0	1	3	0	0	0	1	2	0	2	3	4	3	5	4	1
11	5	6	3	5	5	6	13	17	19	14	14	13	8	10	8	5	6	6	5	4	8	7	3	4	8
12	4	4	2	2	0	0	0	2	2	3	3	2	2	2	2	1	2	2	2	2	0	0	0	0	2
13	0	0	0	0	0	1	3	5	2	2	2	0	0	2	2	2	1	0	0	0	0	0	1	0	1
14	0	0	0	0	1	2	3	3	5	4	4	4	4	6	6	7	6	7	6	7	3	3	2	3	3
15	3	2	3	2	0	3	4	4	4	4	4	2	2	0	0	1	1	2	1	3	3	2	3	2	2
16	2	2	3	2	1	2	2	2	1	0	0	0	1	0	0	0	0	1	4	0	1	0	2	2	1
17	3	5	3	1	2	1	2	2	0	5	1	1	0	1	0	0	1	1	2	2	0	4	5	2	2
18	0	0	0	0	0	2	2	2	3	***	4	2	2	2	2	3	3	2	1	2	3	3	2	2	2
19	1	1	2	2	1	2	3	5	7	8	6	5	4	4	5	5	5	6	4	5	6	3	4	4	4
20	4	7	4	6	5	4	7	11	9	8	6	5	6	5	7	8	6	7	5	5	9	8	6	10	7
21	8	9	8	9	10	10	12	16	17	6	4	4	3	3	3	2	2	2	2	2	0	2	0	0	6
22	0	2	0	0	0	0	2	4	5	4	3	3	1	3	1	2	3	2	2	3	3	3	2	2	2
23	3	3	2	3	2	3	4	6	6	3	2	0	1	4	1	0	0	1	1	2	3	3	1	1	2
24	3	8	8	8	5	5	5	5	6	5	7	7	4	5	3	3	2	3	3	3	4	4	2	5	5
25	2	1	1	1	1	2	2	2	2	0	0	2	0	0	1	0	1	1	0	***	1	2	2	1	1
26	3	7	2	1	2	3	5	3	3	***	***	***	***	3	3	4	4	3	3	2	3	3	3	3	3
27	3	4	6	6	6	10	8	9	9	8	7	8	11	8	14	8	6	4	6	4	3	2	3	2	6
28	2	0	0	0	0	0	2	3	2	2	2	2	0	0	1	2	2	1	2	2	2	3	4	2	2
29	5	6	8	7	6	7	14	12	6	***	7	3	3	3	4	2	2	0	2	2	2	1	0	4	5
30	3	3	2	2	2	2	3	4	3	7	5	5	4	4	4	5	4	5	5	3	3	2	1	2	3
MEAN	3	3	3	3	2	3	4	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO															MONTH - OCT 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	1	2	3	4	2	3	3	2	3	0	****	5	0	0	1	1	3	3	2	2	4	5	2
2	1	1	2	1	1	3	4	7	5	3	2	2	2	2	4	2	3	2	2	3	2	3	5	4	3
3	2	2	2	3	0	0	2	3	2	2	2	3	4	4	5	4	5	4	3	3	3	3	5	3	3
4	3	0	2	3	2	3	2	3	7	6	7	5	3	2	7	3	1	2	2	3	4	5	3	3	3
5	5	4	5	3	1	4	9	5	4	5	5	2	4	5	5	8	2	4	3	3	4	2	2	4	4
6	2	0	1	2	0	2	3	3	2	7	5	6	3	3	2	3	2	0	2	0	1	0	2	0	2
7	0	0	0	0	0	0	0	0	0	0	0	2	0	3	3	0	3	0	2	2	0	0	0	0	1
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1
9	3	3	4	3	3	3	2	6	***	***	***	1	1	2	0	3	2	3	2	4	1	3	3	3	3
10	3	3	3	3	4	4	6	6	6	6	3	13	10	11	12	10	-	6	5	4	7	5	8	8	6
11	6	9	7	7	8	10	27	14	17	11	9	15	11	9	7	29	8	6	7	5	6	4	3	3	10
12	4	3	4	3	3	6	5	6	9	8	8	7	6	***	3	3	4	6	3	2	2	3	4	5	5
13	3	3	3	4	3	5	4	7	4	3	2	2	3	2	3	2	2	2	2	1	0	3	2	1	3
14	2	0	0	2	2	0	0	2	2	2	1	2	1	4	2	2	2	0	2	2	2	4	5	3	2
15	3	4	2	2	2	2	2	2	3	3	2	0	2	3	0	2	2	3	2	5	4	5	7	4	3
16	0	1	1	2	2	2	4	6	4	3	2	5	2	2	2	3	2	2	3	4	6	5	6	5	3
17	6	5	4	4	3	4	5	7	13	15	6	6	4	4	4	3	3	3	2	2	4	4	6	7	5
18	6	5	4	4	7	9	7	10	5	8	8	7	7	7	6	7	4	5	7	6	7	8	7	7	7
19	7	5	2	3	4	4	4	8	9	7	5	1	2	10	6	6	6	5	4	5	4	4	3	2	5
20	0	2	3	2	3	5	7	9	10	11	4	7	4	7	7	4	4	4	3	3	4	4	5	7	6
21	6	4	5	5	5	6	5	8	8	10	6	7	6	7	6	3	4	4	4	6	4	6	5	4	6
22	6	5	4	4	***	***	5	4	5	4	4	5	5	5	5	6	5	6	3	5	5	6	5	7	5
23	4	2	2	1	3	3	1	2	2	1	***	0	1	1	0	3	2	2	1	0	2	2	3	2	2
24	3	0	2	4	3	5	8	8	5	6	7	5	3	3	5	3	4	3	2	0	3	1	2	2	4
25	4	3	4	4	5	8	5	8	10	8	7	6	7	7	5	6	4	5	5	4	3	3	3	3	5
26	4	3	3	3	5	4	3	2	3	3	3	2	2	2	3	2	3	2	2	2	2	3	2	2	3
27	2	1	0	0	2	2	3	5	3	4	7	5	7	9	9	5	4	4	5	5	6	5	6	2	4
28	7	5	4	5	6	7	6	6	4	3	0	0	0	1	1	0	1	3	2	2	2	2	2	2	3
29	2	2	3	3	3	3	3	3	5	2	2	2	2	1	1	0	1	3	5	5	5	5	2	2	3
30	2	0	0	0	1	2	2	5	3	4	5	4	6	5	6	5	7	9	9	9	6	5	4	5	4
31	5	4	5	7	6	7	9	11	13	14	14	12	***	4	12	7	4	4	3	2	3	2	0	3	7
MEAN	3	3	3	3	3	4	5	5	6	5	5	4	4	4	4	4	3	3	3	3	3	3	4	4	3.8

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	3	2	2	2	2	3	2	4	9	9	4	4	3	3	4	3	4	4	3	4	6	8	5	8	4
2	5	5	5	4	7	5	5	7	10	12	7	7	9	9	7	6	7	10	7	6	6	11	9	12	8
3	12	10	11	15	17	20	14	19	16	15	11	12	11	11	11	8	8	8	10	9	10	11	14	19	13
4	20	16	15	14	14	11	13	11	13	14	16	14	13	15	14	13	14	13	11	17	20	23	22	24	15
5	23	18	19	21	22	17	15	14	12	14	13	13	10	10	8	8	8	7	9	8	7	10	6	8	13
6	9	9	8	8	10	10	10	13	16	10	9	4	6	4	2	4	2	3	3	2	1	4	6	5	7
7	4	0	1	2	1	1	2	4	4	3	3	***	1	2	2	3	2	4	***	2	1	4	3	3	2
8	3	5	6	5	5	6	9	10	10	8	12	10	9	6	10	13	4	4	4	3	4	4	4	4	7
9	4	4	4	4	4	4	6	4	4	7	5	7	10	7	10	4	10	8	4	9	11	7	9	7	6
10	6	8	6	8	6	6	7	12	13	10	9	7	7	7	7	8	8	7	8	7	6	7	5	6	8
11	6	7	7	7	10	9	8	10	10	9	6	8	10	8	10	12	9	5	6	8	3	3	2	0	7
12	0	0	0	0	0	0	0	0	2	2	0	1	2	2	2	1	2	1	1	3	4	3	3	3	1
13	2	2	2	3	2	2	3	5	8	7	5	5	3	6	5	6	7	6	7	6	4	6	6	5	5
14	6	4	10	6	7	7	6	3	4	5	3	***	2	0	0	1	2	1	2	0	2	0	2	1	3
15	1	0	2	2	1	1	2	3	3	3	3	3	2	2	3	1	4	2	3	5	5	7	9	7	3
16	7	5	7	5	3	3	2	4	4	3	2	2	2	0	0	1	7	6	3	0	2	2	0	2	3
17	2	0	0	1	0	0	0	4	5	4	7	5	3	4	4	5	7	6	3	0	2	2	0	2	3
18	1	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	0	1
19	3	2	3	3	2	3	3	3	2	0	0	0	0	3	0	0	0	0	2	2	2	2	0	0	2
20	0	0	0	0	0	0	0	2	2	2	7	***	3	3	***	3	3	3	2	2	2	3	2	2	2
21	0	1	1	0	0	0	2	3	4	5	4	3	3	4	0	1	2	3	3	3	4	6	8	7	3
22	6	5	3	1	2	1	0	2	3	2	3	***	9	2	3	2	3	3	2	2	2	3	0	2	3
23	4	3	3	2	2	3	3	4	4	7	7	6	5	4	5	5	3	6	6	5	4	4	3	3	4
24	3	2	3	2	3	2	3	3	3	4	4	***	***	0	3	1	3	3	2	2	0	0	2	1	2
25	0	0	0	0	0	0	0	1	2	3	3	2	2	0	0	0	3	2	1	2	3	2	2	2	1
26	1	0	1	1	0	0	0	2	2	0	3	2	0	1	0	0	0	3	4	3	2	3	3	0	1
27	2	10	21	7	3	2	3	4	2	3	4	6	***	2	2	3	6	5	4	3	4	4	3	3	5
28	3	2	2	3	4	5	4	7	9	10	9	6	5	4	6	6	4	7	4	3	3	3	4	3	5
29	2	3	3	3	3	3	3	6	4	6	8	4	***	3	4	5	4	4	3	4	5	4	4	4	4
30	4	3	2	3	2	2	2	2	3	2	2	2	2	0	0	2	1	2	3	2	2	2	2	3	2
MEAN	5	4	5	4	4	4	4	5	6	6	6	5	5	4	4	4	4	5	4	4	4	5	5	5	4.7

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	3	3	2	3	2	3	2	4	3	5	7	5	6	6	6	4	7	10	7	7	6	4	3	2	5
2	0	0	0	0	0	0	0	2	3	3	3	2	3	0	2	0	2	0	2	3	3	4	3	2	2
3	3	3	3	2	2	2	0	1	3	2	1	3	2	3	3	3	3	3	2	3	4	5	5	6	3
4	3	4	4	4	3	2	3	3	3	4	2	2	3	3	0	3	3	3	3	2	3	2	2	3	3
5	2	2	0	1	2	2	3	2	2	4	4	3	3	3	3	4	5	5	3	2	3	2	3	3	4
6	3	3	3	3	3	4	3	9	6	5	2	***	3	3	2	3	3	3	2	3	3	3	2	2	4
7	2	3	2	2	3	3	3	3	4	3	3	2	3	2	2	3	3	5	4	5	5	6	5	6	3
8	8	9	7	9	10	9	8	9	10	6	6	3	2	2	3	5	4	4	3	2	2	2	2	2	1
9	2	0	1	1	***	1	2	2	3	2	2	0	1	0	2	0	0	1	0	2	2	2	2	2	1
10	2	2	0	2	0	0	0	2	3	2	2	2	2	1	1	0	0	0	2	2	2	3	1	2	1
11	3	2	2	3	2	3	4	4	8	6	6	0	6	5	4	5	7	7	5	4	4	5	4	4	4
12	4	4	5	5	5	4	4	5	8	10	5	4	3	3	5	4	4	3	2	2	3	2	3	3	4
13	4	4	4	0	4	0	5	4	6	5	4	4	4	3	2	0	2	3	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	1	4	***	5	3	2	2	4	3	5	4	-	-	-	-	-	-	2
15	-	-	-	-	-	-	-	-	-	***	4	4	4	4	3	5	3	5	5	6	5	6	7	4	***
16	4	4	4	4	5	5	5	5	7	10	8	9	6	8	8	6	5	6	8	8	6	7	6	6	6
17	6	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	1	0	0	1
18	0	0	0	0	3	1	4	7	8	6	3	3	***	3	2	4	3	2	1	2	2	2	1	2	3
19	2	0	0	1	2	2	1	4	6	3	4	3	2	3	2	2	3	4	3	3	3	4	3	2	3
20	3	3	3	3	3	2	1	1	3	3	2	3	3	3	3	4	4	4	3	4	5	5	4	5	3
21	5	4	3	3	0	0	2	2	2	1	3	3	2	2	1	3	2	3	5	3	3	3	2	2	2
22	2	3	3	2	3	3	3	4	5	6	10	3	7	8	6	5	5	4	5	4	4	3	0	0	4
23	1	2	2	2	3	8	12	3	3	4	3	3	0	1	0	0	3	5	6	4	6	7	5	6	4
24	7	7	6	4	3	3	2	2	2	3	4	4	4	4	3	5	4	4	5	4	5	4	3	4	4
25	3	4	3	1	2	4	3	3	4	4	4	5	0	0	0	0	0	0	0	0	0	1	2	1	2
26	0	2	0	0	1	2	3	4	-	***	***	***	1	0	3	2	2	2	2	2	2	2	2	3	2
27	2	2	1	0	0	2	3	4	4	4	3	4	3	3	3	3	4	5	7	7	7	6	1	3	4
28	3	2	1	3	3	3	3	7	9	10	8	-	-	-	3	3	3	3	5	4	0	3	2	3	5
29	2	6	7	3	4	7	4	7	9	10	8	-	-	-	3	3	3	3	5	4	0	3	2	3	5
30	3	2	0	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	5	6	9	6	9	8	4
31	10	10	8	7	8	6	6	6	8	7	7	7	8	7	5	5	4	5	5	5	7	4	4	-	6
MEAN	3	3	3	3	3	3	3	4	5	4	4	3	3	3	3	3	3	4	4	3	4	4	3	3	3.3

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.0	10	22
FEB	28	4.2	7	15
MAR	31	4.2	8	18
APR	29	3.1	12	33
MAY	31	5.0	10	31
JUN	30	3.9	9	17
JUL	31	3.6	8	19
AUG	31	4.6	9	21
SEP	30	3.2	8	19
OCT	31	3.8	10	29
NOV	30	4.7	15	24
DEC	30	3.3	6	12
YEAR	363	4.0	15	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	497	208	23	2	1	0	0	731
FEB	404	239	9	0	0	0	0	652
MAR	496	210	22	1	0	0	0	729
APR	558	92	6	1	7	3	0	667
MAY	415	237	67	9	1	1	0	730
JUN	475	196	30	3	0	0	0	704
JUL	501	207	22	2	0	0	0	732
AUG	398	286	34	6	1	0	0	725
SEP	523	165	11	5	0	0	0	704
OCT	487	227	16	1	2	0	0	733
NOV	447	198	44	14	7	0	0	710
DEC	552	163	1	0	0	0	0	716
YEAR	5753	2428	285	44	19	4	0	8533

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.4	0	0.0	1.7	2.7	4.3	7.6	9.6	12.3	14.1	33	4.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - JAN 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	2	2	2	2	2	2	3	2	2	3	4	3	6	9	4	4	5	4	6	4	4	3	3	4
2	2	2	2	3	2	2	4	3	3	7	4	7	5	3	3	3	2	4	3	4	3	3	3	5	5	5
3	3	4	3	3	3	3	7	8	6	7	4	4	8	4	3	3	3	5	5	5	5	5	8	7	7	5
4	4	3	2	2	3	4	4	5	3	4	4	4	4	6	5	6	8	8	7	7	7	8	7	7	7	5
5	5	6	4	4	4	4	4	6	6	6	6	6	0	7	7	9	10	6	4	3	15	9	9	5	3	6
6	6	5	4	3	3	4	4	7	13	7	6	6	4	5	8	6	27	13	9	8	9	7	6	7	6	9
7	7	7	14	8	9	7	9	13	7	6	6	4	5	8	6	7	9	13	9	8	9	7	6	7	6	9
8	8	6	5	5	4	3	3	4	3	3	5	11	7	5	2	2	4	7	9	12	7	7	4	4	5	5
9	9	3	3	3	2	2	3	2	3	4	3	3	3	2	6	11	4	6	6	5	3	3	3	4	4	4
10	10	4	3	11	13	4	8	9	11	24	5	5	4	6	4	4	3	3	3	3	2	2	3	2	2	6
11	11	4	2	5	4	3	2	2	5	6	8	8	6	6	5	9	7	5	6	4	4	5	5	5	5	5
12	12	4	3	3	4	3	5	6	8	9	11	15	13	7	12	4	8	9	10	7	8	8	11	12	7	8
13	13	11	11	10	27	7	40	18	29	12	4	4	17	12	16	15	14	14	15	14	13	11	9	8	7	15
14	14	3	2	2	2	2	7	5	5	4	4	3	3	4	4	4	3	4	4	4	5	5	5	5	4	4
15	15	4	4	4	3	3	4	3	4	5	4	3	3	3	3	4	3	5	3	4	3	6	5	3	4	4
16	16	5	3	3	3	5	3	3	4	9	11	8	6	5	6	6	6	7	6	4	5	6	7	7	7	9
17	17	8	9	9	8	6	8	9	11	13	13	12	12	9	7	8	9	7	10	11	11	11	7	7	8	9
18	18	5	5	6	6	8	7	8	8	13	5	5	4	5	6	7	6	6	9	8	6	6	6	6	8	7
19	19	5	5	8	9	9	10	16	22	24	23	16	15	11	6	8	7	8	9	6	7	6	5	10	9	11
20	20	6	7	3	6	5	3	5	6	7	10	11	9	9	9	9	13	6	6	5	4	4	3	4	5	6
21	21	4	3	3	6	11	10	12	20	19	23	18	17	6	4	4	5	5	5	5	8	8	11	12	8	9
22	22	9	13	12	7	4	3	4	6	7	5	5	4	4	4	5	5	5	4	4	5	5	4	3	4	5
23	23	4	4	5	5	5	5	7	10	16	14	7	5	5	7	12	8	8	7	8	7	7	7	7	7	7
24	24	8	7	7	6	6	7	9	10	11	12	9	9	9	9	9	9	9	11	10	10	8	8	8	10	9
25	25	10	10	9	7	8	8	12	26	30	31	25	14	29	12	22	18	9	7	7	5	5	4	4	4	14
26	26	3	3	4	3	0	3	11	15	4	3	3	3	3	3	3	6	5	5	6	5	4	4	4	4	6
27	27	2	2	2	2	2	7	17	13	7	10	6	6	6	6	6	5	5	6	5	6	5	4	4	4	3
28	28	4	3	3	3	3	3	3	3	3	3	2	2	3	3	3	2	2	2	3	5	3	3	3	4	3
29	29	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	3	1	3	4	3
30	30	12	5	4	3	2	3	6	5	7	4	4	4	4	3	2	3	12	2	5	5	3	4	4	4	5
31	31	3	3	4	5	5	6	7	9	10	8	7	8	8	7	7	8	7	7	6	6	6	5	5	5	6
MEAN		5	5	5	5	4	6	7	9	9	9	8	7	7	7	7	8	7	7	6	6	6	5	5	5	6.5

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - FEB 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		4	3	3	3	3	4	4	5	6	6	5	5	4	4	4	4	5	8	5	5	5	5	6	6	5
2		7	7	6	7	11	11	9	11	13	24	10	6	7	8	7	9	10	9	8	6	7	7	7	5	9
3		6	5	5	6	6	6	9	13	12	9	9	4	6	3	4	6	8	7	4	5	5	5	5	6	7
4		4	3	3	4	4	5	6	7	6	5	6	4	4	5	5	5	5	3	3	4	3	4	4	5	5
5		9	8	7	6	9	4	3	5	7	5	6	7	6	5	7	7	8	5	4	4	4	3	2	2	5
6		4	3	3	2	3	2	3	5	7	6	6	4	5	4	6	9	8	7	6	7	7	6	6	4	6
7		3	5	6	4	2	3	5	7	7	6	6	4	5	4	6	9	7	9	6	5	8	7	6	5	6
8		4	3	2	3	3	3	5	10	8	8	8	4	9	5	6	8	7	6	4	4	4	3	3	4	5
9		4	5	4	3	4	6	7	11	8	7	6	4	5	3	4	5	7	6	4	4	4	6	6	6	7
10		4	4	5	3	4	4	7	8	14	17	14	14	12	9	8	6	5	5	5	4	6	6	6	6	7
11		7	8	7	4	4	4	5	7	7	6	5	4	3	4	3	3	4	4	2	2	3	4	6	5	5
12		3	2	2	2	2	2	3	3	2	3	3	3	4	2	2	2	2	2	4	3	3	4	4	5	3
13		3	6	4	2	2	3	5	8	6	9	7	2	5	9	7	8	14	12	9	4	4	4	6	7	6
14		7	4	2	3	3	4	6	9	12	11	9	6	15	4	6	3	6	7	8	7	7	6	8	8	7
15		5	5	5	6	6	6	9	14	12	9	5	5	5	5	5	7	7	7	6	5	8	8	10	8	7
16		6	5	6	6	6	8	10	14	13	14	12	9	8	7	5	7	7	6	6	6	6	6	7	6	6
17		5	4	5	5	4	5	6	8	8	7	8	2	5	6	8	10	6	6	6	5	5	7	7	8	6
18		7	10	7	9	6	4	6	8	8	9	5	4	3	3	3	4	5	5	6	7	4	2	7	7	4
19		3	5	4	4	4	4	7	5	7	7	6	3	3	2	2	3	3	2	2	4	4	4	4	4	8
20		5	4	8	7	5	4	6	9	9	11	10	26	7	6	6	7	8	7	8	11	9	9	8	12	8
21		11	5	4	3	6	9	10	11	25	15	11	14	10	7	8	6	7	7	5	5	4	4	4	5	8
22		5	4	4	2	3	4	2	7	6	4	5	3	4	3	4	3	4	5	4	5	4	4	5	7	4
23		5	4	5	5	5	6	7	10	15	10	9	8	8	7	6	8	6	5	5	7	4	6	8	7	4
24		8	8	7	7	6	6	6	8	8	4	4	4	4	4	4	5	7	6	6	5	5	6	3	5	6
25		5	5	3	3	4	3	5	8	5	4	4	4	5	4	3	3	2	3	3	4	3	3	5	5	4
26		5	5	4	3	2	2	3	3	2	2	2	0	1	2	2	2	2	2	3	3	3	3	2	3	3
27		5	3	5	3	3	3	3	4	6	4	5	5	4	4	8	4	4	5	5	3	3	4	5	4	7
28		5	6	7	5	7	7	8	12	13	11	8	6	5	4	4	5	6	8	5	17	10	5	5	5	7
MEAN		5	5	5	4	5	5	6	8	9	8	7	6	6	5	5	5	6	6	5	6	6	5	6	6	5.8

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - MAR 78											
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		4	10	8	7	6	6	8	11	16	****	9	8	11	6	6	6	5	4	3	3	4	3	3	3		
2		4	2	3	4	3	3	3	6	8	8	5	3	3	-	5	4	3	5	4	4	5	5	6	5	4	
3		5	7	6	7	6	5	5	11	7	6	7	8	10	11	14	10	7	5	4	4	4	4	4	3	7	
4		4	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	4	3		
5		5	4	4	3	3	2	3	4	4	2	3	2	2	1	1	2	2	3	3	3	3	3	4	5	3	
6		5	5	5	4	5	6	8	9	9	12	10	4	10	8	6	5	5	4	3	3	4	4	3	4	6	
7		5	4	3	3	3	3	4	6	6	7	7	5	4	4	4	4	4	5	4	4	6	5	5	5	5	
8		3	3	4	4	3	4	6	7	10	14	10	7	27	25	9	5	7	4	5	6	8	15	11	10	12	9
9		18	20	18	16	16	18	21	31	14	13	13	6	6	7	5	8	5	4	5	5	5	6	6	7	11	
10		6	8	8	9	9	10	16	18	17	****	21	9	9	9	9	7	7	6	6	9	10	10	12	11	10	
11		14	15	15	8	9	9	10	9	5	5	5	5	5	5	5	5	7	6	6	7	7	8	8	8	8	
12		8	7	8	10	9	11	10	10	10	9	6	5	6	4	3	4	3	3	5	5	6	7	7	5	7	
13		4	7	9	10	9	11	20	22	19	10	9	16	9	9	9	9	7	7	5	4	4	6	6	7	10	
14		8	5	4	5	6	10	19	12	13	16	14	10	5	5	5	6	5	6	4	4	4	4	4	4	7	
15		5	3	4	4	3	3	2	3	4	5	5	5	4	4	4	4	5	4	5	5	4	4	3	3	4	
16		3	3	****	****	****	****	7	13	11	7	6	5	8	6	6	5	5	4	4	2	3	3	3	3	5	
17		3	2	2	3	2	3	5	8	8	8	7	6	4	4	4	4	4	4	2	3	5	3	3	3	4	
18		3	3	3	3	2	3	3	4	4	4	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	
19		2	3	2	3	3	2	3	3	3	3	3	2	2	2	2	2	0	0	2	2	2	2	2	2	2	
20		2	2	3	3	3	3	7	12	5	6	5	2	6	7	6	6	5	4	2	1	3	4	14	12	5	
21		9	7	8	6	9	16	13	25	35	32	18	12	14	****	13	10	8	7	5	6	4	4	3	4	12	
22		4	4	6	5	5	5	6	10	10	9	8	5	8	10	13	11	10	6	6	8	11	10	9	8	8	
23		3	3	3	3	4	7	10	10	8	6	5	4	5	****	5	4	4	5	4	5	5	6	3	3	5	
24		3	3	3	2	2	0	2	2	3	2	4	3	2	3	3	2	2	3	3	4	5	5	4	3	3	
25		5	3	3	4	5	5	5	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2	5	3	3	
26		2	2	3	1	1	2	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	
27		2	2	1	2	4	4	6	8	9	9	7	13	13	7	7	7	8	7	5	6	5	6	8	9	6	
28		12	9	8	4	3	3	5	12	5	****	4	8	7	9	10	9	9	8	8	13	11	11	11	11	8	
29		9	9	7	5	3	3	3	4	4	4	4	9	10	5	9	6	6	6	5	8	8	6	4	9	6	
30		8	5	14	7	9	10	11	12	11	15	10	6	5	2	6	6	5	3	3	4	5	3	4	5	7	
31		4	5	6	7	10	6	****	****	9	9	11	6	7	-	-	14	10	7	4	3	3	-	2	3	7	
MEAN		6	5	6	5	5	6	8	10	9	8	7	7	7	5	6	6	5	5	4	4	5	5	5	6	6.0	

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. \*\*\* INDICATES DATA IS UNAVAILABLE
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT													
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - APR 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	3	3	3	6	9	18	10	12	10	9	6	4	4	4	3	2	2	1	0	0	0	0	0	2	5		
2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2	4	5	8	8	3		
3	6	4	2	2	2	3	6	11	9	0	8	7	***	8	7	9	6	3	2	4	3	3	6	5	5		
4	3	3	4	3	3	4	9	12	11	10	10	10	12	15	12	17	12	10	7	9	13	10	5	2	9		
5	2	2	1	1	3	2	3	7	5	6	5	5	5	9	7	4	4	4	2	3	3	5	5	4	4		
6	6	9	33	21	21	13	10	9	12	9	9	7	6	6	6	6	15	7	6	2	3	2	4	6	10		
7	5	4	6	8	6	4	5	7	7	6	7	7	8	9	7	4	5	3	2	2	2	3	2	2	5		
8	2	3	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	6	4	2		
9	3	3	3	2	2	2	2	2	1	2	4	5	3	3	2	4	4	4	3	7	5	2	3	6	3		
10	5	6	3	4	3	3	6	12	7	5	6	6	5	7	5	5	9	4	3	2	3	3	3	3	5		
11	3	3	-	****	3	3	9	16	-	36	-	20	17	8	3	****	5	5	4	4	4	****	4	5	8		
12	-	6	2	2	1	2	5	5	7	6	-	***	5	6	-	****	12	10	7	5	3	6	8	14	6		
13	19	13	5	5	5	4	7	6	6	4	6	5	4	4	5	4	7	3	2	2	2	2	1	2	5		
14	2	1	3	3	0	2	3	5	5	6	5	5	5	5	5	5	4	3	2	2	2	2	2	4	3		
15	4	3	3	2	3	2	1	2	2	2	2	2	2	2	2	****	2	2	2	3	3	2	3	3	2		
16	3	3	3	3	2	3	-	2	3	2	3	-	2	1	2	-	3	3	2	3	-	2	3	-	3		
17	2	***	-	2	-	****	6	8	11	12	***	4	-	4	11	6	-	****	5	****	3	****	4	6	****		
18	6	9	11	6	6	7	10	-	7	9	9	****	****	13	9	3	8	3	1	0	2	2	2	2	6		
19	2	3	3	3	3	3	3	5	5	6	5	5	5	4	5	4	4	3	3	3	3	4	0	4	4		
20	5	9	8	3	3	17	8	9	7	9	7	6	7	5	7	7	8	5	3	3	3	3	4	3	6		
21	3	2	2	1	2	2	3	5	5	4	5	5	5	7	6	6	7	4	3	3	3	3	4	3	4		
22	3	3	3	3	3	8	***	***	4	4	3	2	3	2	2	2	2	2	3	3	2	3	3	4	3		
23	4	5	3	2	3	7	6	11	6	3	2	2	3	5	2	2	2	4	2	3	4	6	12	13	5		
24	11	13	16	9	4	14	10	14	11	6	7	5	0	9	4	7	6	6	4	3	4	5	5	5	7		
25	7	4	5	4	4	5	7	11	8	5	7	9	5	4	5	5	10	4	7	5	11	9	13	7	7		
26	8	4	5	****	4	-	8	13	5	5	8	7	9	5	7	0	8	-	5	6	5	8	13	7	5		
27	4	5	6	-	2	3	8	8	7	****	-	3	1	4	****	-	-	-	-	-	3	3	4	****	8		
28	3	5	6	4	3	3	5	11	9	13	10	14	12	20	8	10	14	-	***	3	4	4	3	3	8		
29	3	3	3	2	2	3	2	3	4	5	3	3	2	2	3	2	-	-	0	1	0	3	2	1	2		
30	0	0	1	0	1	3	2	0	0	1	2	2	2	2	2	2	1	0	0	0	2	2	2	1	1		
MEAN	4	5	5	4	4	5	6	8	6	7	6	6	5	6	5	5	6	4	3	3	3	4	4	5	4.9		

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 3.8
&lt;/

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 31105					HYDRO SS SHERBOURNE/WILTON ST. TORONTO										MONTH - MAY 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	2	1	2	2	4	17	13	7	11	13	***	34	24	18	10	5	3	2	3	3	3	3	4	8		
2	5	3	4	2	3	4	18	9	10	5	6	6	9	4	4	4	3	2	2	2	2	2	2	3	5		
3	2	2	2	3	5	6	9	10	9	8	4	4	3	7	***	***	2	2	2	3	3	4	5	4	5		
4	8	3	2	2	2	6	10	7	5	5	5	5	18	6	4	3	2	2	3	3	3	4	3	1	5		
5	2	2	3	3	3	8	7	8	8	9	8	5	14	7	7	4	3	4	5	4	4	3	3	5	5		
6	6	5	2	3	2	2	5	6	7	8	5	3	3	2	3	6	3	6	3	6	7	6	4	4	4		
7	5	19	4	4	3	4	3	3	3	5	3	4	3	3	3	0	2	2	2	3	3	3	4	3	4		
8	2	3	3	3	3	7	10	22	8	6	7	6	***	13	8	11	7	5	4	4	5	5	9	6	7		
9	7	7	5	3	4	16	17	16	19	11	9	6	4	5	4	3	4	3	3	4	3	2	4	2	7		
10	2	2	1	1	2	3	5	-	***	3	3	3	3	4	4	3	2	1	2	2	3	3	3	7	3		
11	8	6	4	7	8	11	10	7	8	11	11	12	11	11	8	6	3	4	5	6	10	11	14	8	8		
12	10	6	6	6	5	8	13	17	17	19	3	15	17	11	15	10	7	4	4	4	4	9	7	9	7		
13	11	10	10	13	9	4	4	6	5	4	4	3	6	5	2	3	4	4	3	4	3	3	0	0	5		
14	0	1	1	2	1	1	2	2	2	1	1	0	0	0	0	1	2	1	0	0	0	1	0	0	1		
15	0	0	0	0	1	3	4	5	5	3	4	4	9	9	4	3	4	4	6	5	2	2	6	4	4		
16	5	4	2	2	2	10	16	14	12	9	6	5	4	3	5	6	3	2	4	9	8	4	3	5	6		
17	4	3	1	2	5	9	6	4	8	7	4	5	6	5	4	3	2	2	4	5	10	9	13	16	6		
18	7	6	6	6	8	11	26	27	14	13	10	8	9	8	11	10	6	5	5	8	10	14	12	10	10		
19	15	15	10	7	11	9	22	15	14	13	16	7	7	7	8	6	7	3	2	3	12	15	9	7	10		
20	7	6	8	9	7	6	8	8	9	7	5	6	5	4	4	6	4	2	2	2	3	3	3	5	5		
21	4	0	0	0	0	0	0	1	0	0	1	2	2	0	0	1	1	0	1	2	1	2	2	2	1		
22	2	2	3	3	2	5	6	4	4	2	3	4	2	2	0	2	3	2	3	3	4	6	9	6	3		
23	5	7	5	5	8	12	21	10	8	8	***	0	9	9	9	8	8	8	13	8	6	11	15	9	9		
24	14	13	9	18	15	17	21	22	18	17	12	12	13	14	12	11	11	9	9	9	12	17	16	8	14		
25	6	7	5	7	8	16	31	13	11	9	6	8	8	12	12	11	8	9	13	6	5	6	5	16	10		
26	10	11	10	15	19	25	29	16	19	18	14	15	16	13	11	12	8	5	10	10	11	11	18	11	14		
27	15	14	10	10	14	14	16	14	13	-	10	10	9	9	9	8	7	7	9	7	9	12	14	15	11		
28	10	9	12	10	10	12	14	14	11	11	6	5	8	7	5	9	9	5	4	6	4	7	11	10	9		
29	19	14	14	6	5	7	17	19	13	14	11	8	8	10	11	15	12	9	5	5	6	9	10	11	11		
30	11	14	10	10	12	12	17	18	14	13	13	10	10	10	15	12	7	9	7	9	8	12	12	11	12		
31	8	5	5	6	8	18	18	12	14	8	6	7	10	11	8	7	6	3	3	2	1	0	2	2	7		
MEAN	7	6	5	5	6	9	13	11	10	9	7	6	9	8	7	7	5	4	4	5	5	6	7	7	7.0		

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 31105					HYDRO SS SHERBOURNE/WILTON ST. TORONTO										MONTH - JUN 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	2	3	3	3	7	5	5	5	6	6	5	9	10	6	4	3	3	3	5	2	4	6	5	
2	4	4	5	7	7	13	24	10	15	17	13	10	6	***	5	5	4	2	3	3	7	6	3	2	2	
3	2	0	0	2	2	2	3	3	3	3	2	2	2	3	3	3	1	1	2	1	1	2	2	2	2	
4	3	3	3	6	5	5	6	8	2	4	3	3	5	5	7	5	3	3	4	3	3	4	5	3	4	
5	5	5	5	5	3	2	3	3	4	3	5	3	3	3	3	3	6	2	2	2	3	3	4	5	4	
6	13	14	9	12	7	7	15	9	10	9	8	8	6	9	9	11	7	5	8	8	8	12	9	7	13	
7	7	9	10	9	11	19	21	23	21	19	18	14	12	14	18	11	7	5	4	2	3	2	3	2	8	
8	7	15	9	6	9	11	15	11	13	18	17	9	6	6	7	5	4	2	3	2	2	3	2	3	3	
9	2	1	2	2	2	4	6	5	6	4	3	4	4	4	4	5	3	2	2	2	3	2	2	3	4	
10	2	2	4	4	4	7	7	5	3	7	4	4	2	2	2	2	2	2	3	3	4	3	4	5	4	
11	4	4	3	3	8	5	4	7	5	6	5	5	4	3	3	5	3	3	3	5	5	5	10	4	5	
12	4	3	3	3	4	5	9	14	11	7	6	***	7	9	7	7	6	5	3	4	1	2	1	1	5	
13	0	0	0	0	1	2	2	3	4	3	4	3	4	3	4	4	3	2	2	2	2	0	1	0	2	
14	2	1	1	1	0	3	3	4	4	3	2	3	0	0	2	2	2	1	2	1	2	3	2	2	2	
15	2	0	0	0	0	3	5	5	5	3	8	5	4	6	5	5	5	4	4	2	1	3	3	9	10	
16	6	9	5	4	9	12	12	14	5	20	12	9	10	10	9	6	6	13	15	13	6	8	7	7	9	
17	***	***	9	5	8	11	9	11	10	10	11	9	9	7	7	9	7	6	6	5	9	5	4	3	8	
18	3	3	3	4	5	4	2	3	3	0	0	2	2	2	2	2	1	1	0	1	2	2	2	2	2	
19	2	3	3	3	5	9	6	10	10	13	***	10	9	6	14	5	5	4	5	3	5	3	16	12	7	
20	10	8	8	9	11	17	23	16	9	12	10	10	9	7	9	9	10	7	7	5	5	11	9	11	10	
21	9	11	9	12	14	16	22	12	13	16	16	12	11	9	8	11	9	6	3	2	1	2	2	3	10	
22	2	3	2	1	2	3	5	5	4	6	5	6	4	4	4	6	3	2	2	3	5	5	7	4	4	
23	3	2	1	2	2	3	4	4	4	4	3	3	3	3	3	5	3	2	2	3	2	2	3	3	3	
24	3	3	0	2	1	3	5	6	6	5	4	2	2	2	2	2	2	3	2	3	3	6	6	5	3	
25	7	11	11	8	6	7	8	4	5	3	4	4	3	3	3	3	3	3	3	2	3	5	5	8	5	
26	7	6	7	7	10	12	16	17	14	13	11	9	9	7	6	4	5	4	5	3	4	10	10	8	9	
27	5	6	4	6	8	5	9	9	9	8	7	8	8	7	5	5	3	3	2	2	2	2	2	2	5	
28	0	1	2	2	2	3	5	5	4	4	5	4	4	4	4	5	3	2	2	1	2	3	4	6	3	
29	9	7	6	3	2	3	5	5	5	5	3	5	4	4	5	4	3	2	3	3	2	3	4	4	4	
30	3	3	1	1	2	3	6	9	5	4	5	4	5	5	3	5	3	2	3	9	8	3	1	2	4	
MEAN	4	5	4	4	5	7	9	8	7	8	7	6	5	5	6	5	4	3	4	3	4	4	5	5	5.4	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST. TORONTO														MONTH - JUL 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		3	3	1	2	1	3	4	3	3	2	1	1	0	0	0	0	1	0	0	1	4	3	4	6	2
2		4	4	3	2	2	2	1	2	2	1	0	2	2	1	2	2	1	1	0	2	0	0	0	0	2
3		0	0	0	0	0	0	0	2	2	3	2	3	3	3	2	3	2	2	2	2	2	2	2	1	2
4		2	1	1	2	2	5	8	6	7	5	***	6	5	7	6	4	3	3	2	2	2	8	7	8	4
5		9	11	10	11	12	17	19	19	22	9	8	4	8	7	4	3	4	3	3	4	4	4	3	3	8
6		3	5	5	4	6	9	11	10	8	7	7	4	6	6	6	5	5	4	4	6	6	4	6	5	6
7		7	8	5	5	6	10	12	10	6	8	8	7	6	6	5	5	4	4	5	6	4	6	5	6	6
8		6	5	4	4	4	4	7	4	6	5	3	1	2	2	3	2	2	0	0	0	0	0	0	3	3
9		2	2	0	1	1	3	2	2	5	2	2	1	1	2	2	3	2	0	2	1	2	2	3	3	2
10		3	2	3	4	3	3	3	4	3	3	***	4	4	4	4	5	4	2	2	2	0	2	1	3	3
11		2	2	1	2	2	5	7	8	5	4	5	4	4	4	3	5	3	2	2	2	5	4	3	4	4
12		2	2	2	3	7	7	14	16	0	14	7	6	5	6	6	6	5	3	2	4	4	5	5	6	6
13		5	8	8	9	14	11	16	11	7	8	8	9	7	8	9	9	6	8	11	11	10	11	12	14	10
14		9	7	6	6	8	12	13	13	15	16	10	9	7	7	7	6	4	3	5	6	6	3	7	9	8
15		4	6	2	4	5	9	12	9	6	5	8	5	4	3	4	5	4	5	5	5	2	2	2	3	5
16		2	2	0	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	0	0	2	3	3	2
17		3	3	2	2	2	4	7	8	6	6	4	5	5	4	4	4	4	3	3	3	4	6	3	5	4
18		4	5	6	5	5	7	13	19	14	11	7	8	13	10	7	7	6	3	3	2	3	3	7	2	7
19		4	6	4	3	4	6	13	12	25	13	12	0	9	8	6	5	7	9	10	8	14	13	9	9	9
20		7	4	7	8	7	8	9	13	14	13	13	9	9	8	7	6	6	7	6	7	6	9	13	11	9
21		9	7	6	8	10	16	19	9	13	9	9	8	2	13	12	11	7	9	***	***	9	11	9	10	10
22		8	9	6	7	7	7	9	6	9	5	3	5	5	4	4	4	5	3	4	6	7	6	4	4	6
23		3	3	4	3	2	2	4	2	4	3	3	2	0	2	0	1	2	2	2	2	2	1	2	2	2
24		1	2	1	2	4	8	10	13	11	7	***	4	3	4	3	4	3	2	2	2	4	3	4	4	4
25		2	3	4	5	4	8	11	10	9	6	9	9	11	8	5	7	5	4	3	3	5	4	6	6	6
26		5	5	4	4	5	4	10	15	6	7	5	5	5	4	5	5	4	6	8	2	2	2	2	5	5
27		2	2	1	2	3	3	7	10	8	12	8	3	4	6	11	8	3	4	6	4	4	2	0	1	5
28		0	2	3	2	0	2	3	***	5	0	3	3	4	3	3	3	3	3	2	2	3	4	4	3	3
29		3	3	3	5	0	4	6	3	4	2	2	4	3	4	3	6	6	2	3	2	0	0	0	1	3
30		0	0	0	0	0	0	0	0	5	0	3	2	0	0	0	0	2	0	2	0	2	2	4	1	1
31		1	0	0	0	1	8	8	6	4	6	7	7	6	5	4	5	5	3	4	4	3	7	8	8	5
MEAN		4	4	3	4	4	6	8	8	8	6	6	5	5	5	5	5	4	3	3	4	4	4	4	5	4.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST. TORONTO														MONTH - AUG 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		8	8	7	10	11	15	15	13	10	8	7	7	5	8	8	6	6	5	5	5	4	6	8	9	8
2		13	11	9	12	10	17	19	18	14	11	10	9	13	11	10	8	8	8	6	5	5	6	8	4	10
3		3	3	2	3	5	7	9	7	8	9	8	8	6	5	3	5	5	4	4	5	3	3	2	2	5
4		5	9	8	9	7	3	***	4	4	7	8	5	5	4	3	4	4	4	3	2	2	4	5	5	4
5		5	5	5	6	7	11	8	9	5	4	3	1	2	1	2	2	3	0	7	4	4	4	5	5	5
6		9	8	7	6	6	5	5	9	6	3	3	4	4	3	4	3	3	3	3	3	2	3	5	5	5
7		3	3	5	4	6	10	10	14	14	12	8	6	***	***	8	8	12	5	4	3	3	4	4	3	7
8		3	3	3	4	5	6	9	9	10	8	10	8	9	9	8	9	9	5	4	4	2	3	2	2	6
9		2	2	0	0	2	3	6	9	12	8	6	5	***	***	1	4	2	2	2	2	3	5	7	9	4
10																										
11		11	8	6	6	11	15	18	13	11	7	7	7	6	7	5	5	3	3	2	3	3	3	10	11	8
12		8	9	7	9	6	16	13	10	12	13	7	5	9	4	3	6	5	4	3	4	4	5	6	7	7
13		4	4	5	5	8	7	10	7	6	5	6	7	4	4	4	5	4	5	5	6	8	9	9	6	6
14		12	9	7	9	11	21	24	19	18	13	12	10	9	8	6	7	6	7	4	6	8	12	10	10	11
15		8	8	7	8	8	15	15	14	11	9	11	9	11	10	11	8	6	4	5	5	3	4	5	7	8
16		4	5	4	4	6	6	7	7	7	4	4	3	5	4	3	3	3	3	2	2	3	2	3	4	5
17		2	2	2	2	2	4	5	4	3	4	4	3	4	4	3	3	3	3	3	3	2	2	3	4	5
18		2	7	6	6	9	10	16	13	12	6	28	6	8	12	9	7	4	3	7	4	4	9	10	8	3
19		9	7	5	6	6	13	7	7	10	7	4	5	4	4	4	4	3	5	3	3	3	3	0	5	5
20		0	0	0	3	3	1	1	5	5	0	0	2	2	0	0	1	1	1	1	2	2	0	0	0	1
21		0	0	0	2	2	0	0	3	3	6	6	3	3	8	6	6	5	3	5	2	2	4	7	10	4
22		9	9	9	9	11	14	18	22	10	5	5	2	2	3	11	17	12	10	8	12	13	12	13	13	10
23		17	15	10	8	9	17	23	27	22	12	13	9	10	13	11	11	11	7	6	7	8	9	8	9	12
24		9	7	7	8	7	13	17	17	19	17	13	17	16	16	15	11	4	2	2	3	1	2	3	5	10
25		5	3	4	3	4	7	12	12	9	0	9	5	5	6	7	10	10	8	7	7	7	9	9	8	7
26		4	4	3	3	3	4	4	4	5	6	5	4	2	2	2	2	4	3	3	6	7	2	3	4	4
27		3	3	1	0	0	0	2	2	2	2	0	1	1	0	0	2	1	0	0	1	0	1	2	1	1
28		0	2	3	2	4	11	16	14	9	11	9	8	10	8	8	7	3	4	6	5	3	2	2	3	6
29		0	2	2	4	5	5	9	9	8	6	8	6	6	5	5	5	4	2	3	3	4	6	7	6	5
30		5	7	3	4	5	19	25	14	***	***	***	11	9	11	7	-	-	-	***	7	6	8	5	4	9
31		2	2	3	3	3	10	14	11	13	10	11	11	11	7	5	6	5	3	4	5	9	7	10	7	7
MEAN		5	5	5	5	6	9	11	11	10	8	8	6	6	6	6	6	5	4	4	4	4	5	6	6	6

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 31105					HYDRO SS SHERBOURNE/WILTON ST. TORONTO										MONTH - SEP 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	6	5	3	4	5	12	9	9	14	9	8	6	4	4	6	9	6	7	7	4	5	8	7	7		
2	6	7	4	5	6	9	11	10	6	6	5	3	3	3	3	3	4	4	5	5	6	5	5	6	6		
3	5	6	5	5	5	5	4	5	5	7	5	5	6	5	6	7	3	3	2	3	2	0	1	2	3		
4	1	3	1	2	3	2	5	6	4	3	2	3	2	2	2	3	3	2	6	5	5	4	5	5	4		
5	5	4	5	7	10	9	10	12	11	11	12	14	12	9	8	8	9	9	10	9	9	8	4	3	9		
6	6	6	5	5	6	8	17	14	13	13	15	7	8	8	8	9	7	5	3	2	3	2	4	3	5		
7	3	3	3	***	5	7	11	11	7	7	7	7	6	9	7	7	5	3	2	3	2	2	4	3	5		
8	1	0	2	0	2	6	11	13	12	10	9	8	10	***	9	8	8	7	6	8	6	6	6	6	7		
9	4	5	3	3	3	4	4	4	5	3	3	3	4	2	2	0	1	2	2	3	3	1	2	2	3		
10	0	0	0	1	2	2	2	2	2	0	1	3	2	0	2	2	3	2	2	3	5	3	8	9	14		
11	13	14	12	12	9	21	30	31	24	19	14	17	10	11	13	13	10	8	10	12	7	8	5	6	14		
12	4	4	4	2	0	4	5	4	7	7	6	8	9	8	5	5	5	2	7	6	7	4	6	5	5		
13	5	10	6	6	7	11	17	9	9	7	9	7	8	6	6	4	5	3	3	3	3	2	3	3	6		
14	2	2	3	3	3	5	8	7	9	8	7	9	-	7	10	10	8	9	-	-	-	3	4	3	6		
15	4	3	4	3	3	6	14	-	***	8	9	12	6	6	5	6	6	4	7	4	4	7	6	5	6		
16	6	7	3	3	3	3	4	3	1	2	2	2	2	2	1	1	2	0	1	3	2	5	6	7	3		
17	2	3	3	3	3	3	4	3	1	2	2	0	1	2	1	1	2	0	1	3	2	5	6	7	3		
18	9	2	2	2	2	5	7	6	8	6	5	6	5	6	5	6	3	3	2	3	4	3	3	3	5		
19	3	2	3	2	3	6	10	12	0	17	13	8	13	8	7	6	8	6	0	8	4	4	5	5	6		
20	4	6	11	6	8	9	13	12	11	8	9	9	5	12	9	10	9	7	7	6	10	8	8	8	9		
21	8	12	12	15	11	23	40	33	23	11	9	7	6	5	6	5	4	3	3	3	2	3	2	2	10		
22	2	2	0	0	2	5	9	10	10	7	8	11	11	7	6	6	5	3	4	5	3	3	4	3	5		
23	3	4	3	4	4	9	9	9	10	4	2	1	1	0	2	1	1	2	3	2	3	4	1	1	3		
24	4	12	8	6	7	5	8	9	11	5	5	5	4	4	3	3	4	3	4	7	5	6	4	3	6		
25	9	2	2	2	2	3	5	7	4	5	4	4	4	4	4	4	4	3	2	2	***	3	2	3	4		
26	4	8	2	2	3	10	10	5	7	***	***	***	***	5	13	3	3	2	2	2	2	3	3	3	5		
27	3	4	7	7	7	8	9	13	15	10	9	7	7	7	7	8	6	5	7	5	3	0	1	0	6		
28	0	0	0	1	2	4	6	9	6	4	3	4	4	5	5	4	3	2	3	3	4	4	5	4	4		
29	5	6	9	11	13	18	22	20	17	8	7	6	5	0	7	6	4	3	8	4	2	3	5	3	8		
30	3	4	2	2	2	3	5	6	3	3	3	5	4	4	4	5	5	5	7	4	3	3	2	2	4		
MEAN	4	5	4	4	5	7	11	10	9	7	7	7	6	5	6	5	5	4	4	5	4	4	4	4	5.7		

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 31105					HYDRO SS SHERBOURNE/WILTON ST. TORONTO										MONTH - OCT 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	2	2	4	3	3	5	3	2	3	2	2	1	2	2	2	2	4	3	3	4	4	6	3		
2	3	4	3	3	4	14	15	13	10	7	4	5	4	4	5	5	4	3	3	3	2	2	7	4	5		
3	1	4	4	3	4	6	10	10	7	7	7	10	10	8	10	9	7	5	4	5	8	6	6	6	5		
4	5	3	3	2	2	6	6	11	11	11	8	6	4	5	5	4	3	3	3	3	5	2	3	2	5		
5	5	6	6	3	2	6	14	10	10	8	9	7	7	7	8	9	7	4	5	5	7	7	3	2	6		
6	0	2	1	2	1	2	5	4	6	5	5	6	12	6	6	6	4	8	7	4	3	2	11	3	5		
7	2	1	0	0	0	1	2	3	2	2	1	2	2	3	2	2	2	3	2	2	2	3	2	4	2		
8	4	3	1	2	2	2	3	3	2	2	0	2	1	2	2	2	2	3	3	6	3	3	2	3	2		
9	1	2	5	8	7	9	12	9	***	***	***	3	2	2	2	3	2	3	3	4	5	4	6	7	5		
10	5	5	4	4	4	9	14	17	15	14	12	8	10	12	11	12	-	***	7	5	9	9	13	9	9		
11	10	10	12	21	19	25	26	21	18	16	18	17	16	14	13	13	11	10	10	12	10	7	4	3	14		
12	4	3	3	4	3	6	9	10	11	11	10	9	9	10	11	10	9	7	8	4	3	3	7	3	7		
13	3	3	6	8	5	7	11	12	8	7	6	5	7	6	8	7	5	4	3	3	2	2	2	2	6		
14	2	2	0	3	2	2	3	4	4	4	3	2	3	3	2	3	3	3	3	2	2	3	3	5	3		
15	3	3	3	2	3	2	3	7	20	10	2	2	1	2	2	3	3	3	2	2	***	21	8	8	5		
16	8	9	4	5	14	12	16	11	9	6	8	7	10	9	7	7	5	6	4	4	4	5	4	8	7		
17	9	7	6	6	6	8	15	19	19	16	9	6	6	6	5	5	6	4	4	4	5	4	8	7	8		
18	6	8	15	8	8	13	15	13	10	12	9	11	10	9	9	8	9	7	9	9	8	8	11	10	10		
19	8	4	3	3	3	7	6	9	14	11	8	5	7	6	7	9	8	6	8	6	7	4	3	3	7		
20	2	3	4	7	14	23	19	23	17	11	7	5	0	6	7	6	7	4	5	4	5	9	9	9	9		
21	8	7	8	5	8	9	15	9	10	9	7	7	7	7	6	6	6	5	6	6	7	6	5	5	7		
22	5	5	4	5	***	***	6	5	5	6	6	7	5	7	7	5	7	7	7	7	7	11	12	8	7		
23	7	4	3	4	3	4	4	5	6	4	4	4	5	4	4	5	4	5	2	3	3	5	4	5	4		
24	6	7	9	13	13	17	12	10	6	9	7	7	5	3	5	8	7	4	3	3	3	3	5	4	6		
25	4	3	4	5	6	8	12	8	8	9	6	7	6	7	8	7	7	5	5	4	4	5	4	6	6		
26	4	4	5	5	6	8	7	7	5	5	3	3	3	3	3	2	3	2	2	1	0	1	0	0	3		
27	0	0	0	0	0	1	7	2	2	2	0	***	***	7	7	6	9	7	7	7	5	5	5	6	4		
28	6	7	6	7	7	8	9	7	5	4	3	2	2	2	2	3	2	2	3	3	3	3	3	5	4		
29	4	4	4	3	3	3	3	3	4	2	0	2	0	0	0	2	2	6	8	7	7	2	0	2	3		
30	1	0	0	0	0	***	7	6	6	7	***	***	***	7	9	11	9	10	12	15	14	5	7	6	7		
31	5	5	6	7	8	7	10	19	18	18	15	17	16	15	15	14	7	5	3	4	3	3	3	4	9		
MEAN	4	4	4	5	5	8	10	9	9	8	6	6	6	6	6	6	5	5	6	5	6	5	6	5	6.1		

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - NOV 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		4	4	3	3	4	5	8	14	14	16	6	5	5	5	5	6	9	5	5	6	6	8	12	8	7
2		7	5	4	5	5	5	7	11	14	14	12	12	10	10	12	10	12	12	11	10	10	9	14	15	10
3		26	13	21	18	19	23	22	38	31	17	18	12	***	***	12	11	12	12	14	13	13	13	12	10	17
4		16	15	10	11	10	11	12	12	11	17	13	10	13	14	15	14	13	16	14	16	15	15	18	16	14
5		14	12	18	20	19	18	15	14	13	12	11	11	10	10	11	8	8	8	9	7	7	7	6	7	11
6		5	7	6	7	9	10	11	15	18	5	8	6	6	7	5	7	6	4	2	2	3	4	4	4	7
7		3	2	2	2	2	2	4	7	9	8	6	4	7	14	6	9	8	11	9	3	3	5	7	8	6
8		6	6	7	7	11	18	33	40	***	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	6
9		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	16	9	8	14	17	11	12	***	6
10		11	11	17	16	10	10	15	25	18	13	11	11	10	13	13	13	13	19	10	10	9	24	16	13	14
11		11	8	8	11	12	7	9	11	12	13	13	10	1	9	9	9	11	8	8	6	5	3	2	0	8
12		0	1	1	1	0	0	1	3	3	3	3	3	3	2	2	3	2	2	2	3	4	4	4	4	2
13		4	17	14	18	16	20	12	15	11	11	9	8	7	9	9	11	12	8	8	10	7	6	8	7	11
14		6	7	6	6	7	7	9	10	12	11	9	7	6	***	6	6	6	4	3	4	3	3	3	4	6
15		3	3	2	2	3	3	4	8	11	7	7	9	8	6	6	6	8	6	7	5	5	23	27	24	8
16		24	16	10	7	4	6	8	15	10	11	9	8	7	8	9	9	9	7	5	5	5	4	2	3	8
17		3	3	3	3	3	3	5	12	9	15	14	16	12	14	14	16	8	6	4	2	3	3	3	2	7
18		2	3	2	2	2	2	3	3	2	2	3	2	3	3	2	2	5	4	4	4	4	4	3	4	3
19		4	5	3	3	2	3	3	4	3	3	-	2	2	2	1	2	2	2	2	2	3	3	2	2	3
20		3	2	2	0	1	1	3	6	6	7	14	10	7	11	***	10	8	9	5	3	5	3	3	3	5
21		3	3	6	5	9	15	8	9	22	9	9	7	7	9	12	8	13	6	6	4	5	10	10	10	9
22		7	7	3	5	2	2	4	9	8	9	7	6	7	9	8	5	9	6	4	5	5	4	4	4	6
23		5	6	6	4	5	5	8	15	12	12	10	9	7	8	7	8	6	6	8	6	6	6	5	4	7
24		5	4	4	4	4	5	4	7	9	8	7	9	5	***	0	5	9	6	7	5	3	2	3	2	5
25		3	2	2	2	2	2	6	4	3	4	4	3	3	3	3	4	3	3	3	3	4	3	3	3	3
26		2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	3
27		3	6	13	9	6	5	9	9	15	15	11	12	7	9	7	10	10	8	5	8	6	7	4	4	8
28		4	4	5	14	8	6	6	10	13	12	12	9	8	13	12	13	14	10	6	6	4	5	5	4	8
29		3	3	3	5	4	3	4	9	9	9	8	6	6	7	5	5	6	3	3	4	5	5	4	4	5
30		4	5	3	3	4	3	3	5	6	4	4	4	3	4	5	5	5	4	3	3	3	3	4	5	4
MEAN		7	6	6	7	6	7	8	12	11	9	9	7	6	8	7	8	8	7	6	6	6	7	7	6	7.4

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT													
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - DEC 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	4	4	4	4	3	4	18	9	7	7	9	10	9	9	6	7	10	8	8	7	6	4	4	7		
2	2	3	2	2	2	2	3	5	6	6	3	3	3	3	2	3	4	3	3	3	3	4	4	4	3		
3	3	4	3	2	2	2	2	4	6	3	3	3	2	4	3	3	4	3	4	4	8	5	9	12	4		
4	11	5	4	3	3	4	5	6	8	8	6	5	5	6	6	7	6	5	4	3	4	3	4	4	5		
5	4	3	2	2	2	3	4	6	10	7	7	7	9	8	7	6	6	4	5	4	4	4	4	4	5		
6	4	3	3	4	5	4	5	10	13	9	7	8	6	6	6	7	7	5	5	5	4	3	2	2	6		
7	2	3	3	3	3	5	9	10	9	9	9	8	7	8	7	9	7	7	4	5	6	6	4	7	6		
8	6	7	7	9	8	8	10	10	9	8	0	19	6	6	7	12	11	7	4	4	4	8	7	3	8		
9	3	3	2	4	***	15	14	10	5	5	4	3	3	3	3	4	3	3	3	3	3	3	3	3	5		
10	3	3	2	3	2	2	3	3	3	2	2	2	3	3	3	3	4	3	4	3	3	3	3	4	3		
11	3	3	3	3	4	4	5	7	10	10	11	9	7	9	7	9	10	9	21	9	5	5	5	6	7		
12	5	5	6	6	7	7	8	10	11	10	9	9	8	11	9	9	9	4	3	3	3	3	4	4	7		
13	4	4	4	4	3	4	5	8	9	9	9	9	8	9	6	6	8	6	4	3	2	2	2	2	5		
14	3	2	2	2	2	2	3	8	9	8	7	5	5	6	5	6	7	5	-	-	-	-	-	-	5		
15	-	-	-	-	-	-	-	-	-	8	7	8	7	7	9	7	7	5	5	6	8	7	9	8	***		
16	5	6	5	6	6	7	7	11	9	12	11	10	9	6	6	8	7	7	8	10	7	6	6	6	8		
17	7	6	4	2	0	1	0	1	2	2	2	2	2	2	3	2	2	4	4	4	4	2	2	2	3		
18	3	3	3	2	4	3	8	11	10	8	8	6	8	7	***	8	6	5	3	3	4	3	3	4	5		
19	3	3	3	2	3	3	4	6	8	7	6	4	5	4	5	7	8	5	4	4	5	5	6	6	5		
20	9	8	18	5	10	6	5	9	6	7	7	8	7	8	6	9	6	4	4	5	4	4	4	5	7		
21	5	4	3	3	2	3	4	4	5	3	4	3	3	4	4	7	5	6	5	5	4	6	5	5	4		
22	5	4	3	2	3	3	4	7	7	5	5	4	4	5	5	5	7	5	4	5	5	4	3	3	5		
23	2	2	2	2	2	1	2	3	4	5	3	4	2	3	2	3	4	4	5	5	7	7	8	10	4		
24	13	10	4	3	23	6	4	3	2	2	3	4	6	4	4	5	9	9	7	4	3	3	4	4	6		
25	3	3	22	2	1	3	3	5	6	7	5	6	2	3	4	3	3	2	4	2	2	3	3	4	4		
26	3	3	0	1	2	2	2	3	3	4	5	4	4	5	3	4	3	4	4	4	4	7	5	4	3		
27	3	4	4	2	4	3	4	6	-	***	9	6	5	5	3	4	6	7	5	6	4	3	3	4	5		
28	4	4	3	3	3	3	5	7	7	6	6	5	5	5	4	6	8	8	11	9	7	8	4	6			
29	4	4	4	3	4	5	6	13	13	13	10	-	-	-	7	4	4	3	4	3	3	3	5	3	6		
30	4	3	2	5	2	2	4	8	4	4	4	4	4	4	3	4	6	9	5	5	6	7	8	6	5		
31	8	15	9	7	7	5	9	7	8	8	6	7	5	5	4	4	5	4	3	4	4	3	3	-	6		
MEAN	5	4	5	3	4	4	5	7	7	7	6	6	5	6	5	6	6	5	5	5	5	5	5	5	5		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST. TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.5	15	40
FEB	28	5.8	9	26
MAR	31	6.0	12	35
APR	28	4.9	10	36
MAY	31	7.0	14	34
JUN	30	5.4	13	24
JUL	31	4.8	10	25
AUG	31	6.3	12	28
SEP	30	5.7	14	40
OCT	31	6.1	14	26
NOV	29	7.4	17	40
DEC	30	5.2	8	23
YEAR	361	5.9	17	40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST. TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	294	343	61	14	16	3	0	731
FEB	239	381	38	2	3	0	0	663
MAR	330	323	50	17	6	3	0	729
APR	369	231	39	9	2	2	0	672
MAY	293	282	109	38	10	2	0	734
JUN	378	260	52	16	6	0	0	712
JUL	420	259	48	9	2	0	0	738
AUG	269	338	76	21	8	0	0	732
SEP	331	306	53	8	6	3	0	707
OCT	311	329	61	21	7	0	0	729
NOV	256	278	117	31	11	4	0	697
DEC	369	326	20	3	3	0	0	721
YEAR	3699	3656	724	189	80	17	0	8565

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.8	0	1.4	2.8	4.4	6.6	10.7	13.4	17.3	20.8	40	5.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33002													PHARMACY AND 401, SCARBOROUGH												
MONTH - JAN													78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	8	3	3	****	1	5	2	1	****	****	0	2	3	3	3	2	8	7	****	0	0	0	7	3
2	5	0	****	****	7	****	0	6	8	****	0	0	0	0	0	3	0	2	0	3	3	3	3	2	2
3	1	3	6	4	0	0	5	8	8	5	0	21	3	6	****	4	10	6	5	5	5	3	6	7	5
4	6	0	0	0	8	****	0	0	5	****	3	15	4	4	4	3	4	4	4	5	5	6	5	5	4
5	6	6	5	4	4	12	16	13	9	3	5	7	7	6	5	4	5	5	5	9	12	-	-	-	7
6	6	3	9	9	0	2	5	****	7	****	****	12	7	0	3	****	11	6	5	5	9	8	4	0	6
7	0	2	8	6	0	7	6	7	7	0	0	4	8	3	5	6	11	9	5	0	2	3	4	5	5
8	3	3	3	3	2	1	2	2	0	2	2	3	2	3	3	3	2	6	7	4	3	2	1	2	3
9	1	0	0	0	2	3	6	5	0	0	0	4	4	9	7	5	0	5	1	2	3	2	4	4	3
10	3	3	3	1	0	0	0	4	8	0	0	1	4	3	4	3	4	4	3	3	3	5	3	3	3
11	8	0	1	3	0	0	0	2	5	6	0	0	2	2	0	1	0	0	0	0	4	4	6	7	2
12	9	5	0	0	0	0	8	2	5	****	13	12	5	4	-	4	8	14	10	11	8	8	2	0	6
13	4	5	12	3	6	8	8	9	10	****	****	8	7	6	0	0	7	6	8	9	6	5	****	****	6
14	- DATA INVALID -																								
15	- DATA INVALID -																								
16	****	****	****	****	****	****	****	****	****	****	3	6	1	2	3	2	3	9	0	1	7	9	9	13	****
17	5	8	10	7	3	0	8	14	18	13	7	11	9	12	10	5	8	4	4	4	5	0	5	8	7
18	7	4	****	****	8	6	5	3	0	3	****	2	8	8	2	7	9	****	8	6	7	8	8	9	6
19	6	6	8	6	7	17	16	11	0	26	19	12	10	10	9	10	10	10	7	16	10	3	5	4	10
20	4	2	2	3	2	2	4	7	6	8	13	12	10	0	5	4	5	3	3	4	4	2	3	0	4
21	2	2	1	2	6	0	2	3	3	3	3	3	3	3	7	8	4	****	7	10	11	11	6	9	5
22	14	9	11	4	8	5	4	4	4	5	3	5	3	2	3	5	3	7	4	4	5	5	4	4	5
23	3	4	5	4	5	3	16	3	8	5	5	4	6	5	8	3	6	10	5	****	5	6	5	8	6
24	4	6	6	6	10	7	6	10	11	11	9	11	12	10	9	9	8	6	10	9	6	7	7	9	8
25	8	9	10	9	10	12	22	24	23	22	14	19	14	17	18	12	12	11	8	9	7	5	0	2	12
26	2	1	5	3	3	0	2	1	2	****	2	****	-	3	1	4	3	-	2	3	2	0	0	0	2
27	0	0	0	0	4	7	2	0	0	2	3	3	2	4	4	0	7	8	5	6	8	1	0	0	3
28	2	2	3	2	0	1	2	3	5	4	3	6	5	4	3	2	0	2	5	5	3	3	2	3	3
29	3	3	2	2	1	0	1	2	3	3	2	3	3	2	4	2	3	0	2	2	2	1	4	5	2
30	3	3	4	3	3	3	8	11	11	****	11	****	5	13	7	19	5	7	4	4	0	2	3	4	6
31	3	2	1	4	3	3	3	5	8	****	5	6	****	3	2	4	4	5	4	4	3	2	2	4	4
MEAN	4	4	5	4	4	4	6	6	6	7	5	7	5	5	5	4	6	6	5	5	5	4	4	5	4.9

PERCENTAGE OF DATA VALID - 87.0 PERCENTAGE OF DATA INVALID - 12.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT													
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH														MONTH - FEB 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	3	2	0	0	2	6	3	8	5	3	2	3	2	4	3	3	0	4	4	5	4	5	5	3		
2	2	3	3	4	3	8	11	12	16	9	8	4	4	6	****	****	****	****	****	****	****	****	****	****	****		
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
4	4	4	3	3	4	4	3	3	6	6	7	7	****	****	10	4	0	4	5	7	15	20	16	12	11	7	
5	4	4	3	3	2	3	2	1	3	2	0	2	3	3	2	2	3	3	4	3	7	6	6	4	3		
6	2	4	0	0	1	2	3	6	8	6	5	6	5	6	4	6	****	5	6	4	4	4	2	3	3	4	
7	0	3	0	0	2	2	4	4	6	3	3	6	4	4	5	7	7	4	6	7	7	5	4	4	4		
8	3	3	1	2	3	3	6	10	11	7	11	8	9	8	0	14	7	9	11	10	9	9	5	6	7		
9	4	5	5	3	4	3	7	14	12	****	10	8	6	8	10	6	6	7	10	9	6	8	9	10	7		
10	6	8	4	6	7	6	10	14	14	11	3	13	7	4	0	7	6	5	4	2	2	3	4	4	6		
11	3	3	4	5	4	2	3	3	3	5	4	4	3	3	3	2	2	1	3	3	2	2	3	5	0	3	
12	2	0	0	0	0	0	0	0	0	0	1	2	3	5	2	2	2	1	2	0	4	4	3	4	2		
13	4	6	4	2	4	4	6	10	8	****	8	8	7	11	7	****	9	7	7	5	5	6	8	5	6		
14	3	5	4	4	3	6	8	12	13	12	10	8	7	6	8	8	9	9	12	10	6	11	11	8	8		
15	9	5	7	4	5	10	8	9	8	10	6	1	6	4	4	6	5	7	6	6	6	9	8	6	6		
16	7	7	8	5	6	6	8	10	8	8	****	8	5	6	7	4	3	3	5	5	7	7	4	4	6		
17	4	5	4	4	3	3	3	6	6	3	5	3	4	4	3	4	10	2	6	5	5	7	10	7	5		
18	7	7	6	5	6	****	4	5	4	6	2	0	3	4	3	1	4	2	4	5	2	1	2	4	4		
19	3	4	2	3	0	2	2	4	3	3	0	2	1	3	2	0	2	3	5	3	6	4	3	3	3		
20	3	4	4	6	10	11	17	16	11	6	9	7	3	4	4	0	7	4	9	10	20	11	11	17	9		
21	7	5	5	7	6	8	11	14	15	13	9	11	8	11	9	9	7	6	6	5	4	6	4	5	8		
22	4	4	4	4	4	7	8	11	9	6	10	15	2	3	6	5	8	7	****	****	****	****	****	****	****		
23	0	2	1	2	2	4	4	6	14	****	3	3	4	3	3	3	6	5	5	3	6	2	3	6	4		
24	5	6	3	6	4	1	6	5	2	****	3	****	****	4	7	3	2	3	4	6	4	5	3	2	4		
25	4	6	7	8	12	6	7	7	3	3	3	4	3	6	2	3	5	5	6	3	5	4	5	2	5		
26	5	3	3	3	2	0	2	0	1	0	2	0	1	2	1	2	1	2	3	3	3	3	3	4	2		
27	3	4	3	1	2	2	5	9	12	7	6	6	5	****	6	8	9	4	9	3	5	5	3	2	5		
28	3	0	8	5	4	5	9	13	9	8	6	6	4	****	7	3	4	3	5	5	7	15	22	7	7		
MEAN	4	4	4	4	4	4	6	8	8	6	5	5	4	5	4	4	5	4	6	5	6	6	6	6	5.2		

PERCENTAGE OF DATA VALID - 93.6 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT															
		STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH										MONTH - MAY 78															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	2	3	5	8	8	***	6	6	5	5	5	7	5	3	3	3	2	4	5	6	5	5		
2	4	1	3	3	8	9	9	8	8	8	8	7	8	***	***	8	4	5	4	2	3	4	4	2	5		
3	4	4	4	3	7	8	11	10	11	12	8	6	4	7	***	***	3	5	4	3	4	6	6	5	6		
4	4	7	7	9	9	12	13	2	3	0	4	0	0	0	1	0	2	0	0	2	6	6	7	5	4		
5	5	3	6	0	***	1	19	3	2	10	***	11	0	2	3	2	0	2	2	2	3	2	0	1	2		
6	0	2	2	3	3	5	4	6	6	2	4	2	2	4	2	3	4	4	7	7	4	3	3	2	4		
7	2	3	2	0	2	3	2	3	3	2	0	0	0	0	0	0	1	0	2	1	2	2	2	2	1		
8	0	0	1	2	2	0	39	16	27	3	4	4	***	***	***	4	3	2	2	2	1	2	3	2	6		
9	3	3	4	3	3	5	7	7	9	6	2	3	17	2	6	1	3	-	2	0	0	1	0	0	4		
10	2	0	3	2	5	7	8	-	***	9	8	8	6	7	3	4	7	7	3	4	2	3	3	6	5		
11	7	6	7	8	6	13	13	6	4	1	3	2	2	2	0	1	-	2	3	4	4	7	12	14	6		
12	11	4	9	4	3	***	5	6	7	7	6	6	5	5	4	5	3	3	1	2	2	0	3	5	5		
13	4	4	6	7	3	3	2	2	3	1	2	2	1	5	2	0	0	4	6	10	5	2	3	0	3		
14	0	0	2	0	0	0	0	0	0	0	0	***	6	0	0	0	0	0	0	0	0	1	0	1	0		
15	2	2	2	2	6	2	5	3	1	0	2	2	2	0	1	0	3	7	7	6	4	1	7	6	3		
16	6	7	3	5	5	13	9	3	3	4	0	2	4	2	3	2	0	3	8	11	9	6	7	5	5		
17	7	3	3	4	9	11	9	13	13	14	0	1	1	2	0	***	0	1	2	2	7	8	11	10	6		
18	7	8	11	12	13	19	20	16	18	15	11	10	6	10	8	6	5	5	7	6	6	10	18	14	11		
19	12	15	13	10	11	15	15	16	16	11	5	5	8	7	7	5	6	7	7	7	5	6	8	5	9		
20	4	4	4	3	4	6	4	4	5	6	5	6	6	6	3	4	2	0	0	2	2	2	2	3	4		
21	2	1	0	0	0	0	2	0	2	2	0	0	1	1	2	0	0	0	0	2	0	2	3	3	1		
22	2	1	0	2	0	3	2	3	1	2	3	0	2	3	1	1	3	2	0	3	5	9	12	8	3		
23	5	5	8	8	16	20	16	4	***	3	4	1	1	***	3	***	***	4	3	5	7	4	9	14	7		
24	13	10	13	9	17	22	19	19	14	7	6	4	5	4	5	5	4	2	2	3	8	16	8	6	9		
25	9	10	10	13	14	17	16	15	15	13	13	12	12	12	12	9	8	9	7	9	9	9	11	12	12		
26	9	8	7	8	10	15	17	14	14	16	11	14	11	7	8	6	7	4	3	4	7	9	10	13	10		
27	16	13	21	20	16	12	11	9	8	-	6	4	3	4	3	3	2	3	3	3	3	7	7	7	8		
28	9	8	9	11	13	13	8	7	7	6	4	4	3	3	3	0	0	2	2	1	0	2	4	9	5		
29	7	5	8	9	14	17	8	9	7	7	8	7	7	3	2	0	1	0	0	2	2	5	2	6	6		
30	***	10	10	11	15	16	7	4	13	8	5	3	3	3	3	3	1	2	3	3	4	4	4	4	6		
31	5	8	9	9	7	7	8	5	5	6	4	4	5	7	9	7	5	6	3	4	5	4	7	7	6		
MEAN	5	5	6	6	7	9	10	7	8	6	5	5	5	5	4	4	3	3	3	3	4	4	5	6	6	5.4	

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT													
		STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH										MONTH - JUN 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	5	6	9	12	9	12	10	15	5	3	3	4	3	2	0	2	1	0	1	2	3	5
2	8	6	11	12	10	10	8	7	7	4	5	2	5	***	5	6	3	3	4	3	3	4	9	3	6
3	2	1	2	3	2	5	4	3	3	3	2	3	2	3	2	3	0	1	0	0	2	2	2	2	2
4	2	2	2	2	3	2	4	2	0	0	0	2	3	2	0	0	2	3	2	5	2	3	3	5	2
5	5	6	5	2	4	8	9	8	7	8	8	8	6	6	3	6	5	5	5	4	8	8	8	9	6
6	7	5	12	6	12	8	7	7	5	4	3	4	3	***	-	-	2	1	0	0	3	10	9	5	4
7	5	10	12	14	8	9	6	9	8	25	7	6	5	3	7	5	4	5	5	7	8	10	5	4	8
8	3	4	3	4	4	7	5	4	7	5	5	5	7	9	***	8	6	4	5	6	***	6	5	6	5
9	***	***	4	3	5	10	11	9	9	7	9	5	5	5	***	4	5	3	3	4	3	3	4	5	4
10	4	4	4	8	9	6	6	3	2	2	2	0	2	0	0	0	0	0	0	2	7	21	2	1	4
11	3	3	4	3	4	3	3	17	3	4	4	3	3	2	3	2	2	1	0	2	2	3	3	3	3
12	3	3	1	2	3	3	4	4	5	4	3	-	***	4	3	***	0	2	3	3	3	2	4	3	3
13	2	0	0	0	3	7	9	7	8	8	8	7	9	7	4	5	5	3	4	4	5	2	3	4	5
14	2	1	4	8	3	9	10	7	8	8	8	6	6	6	3	5	4	4	3	5	6	3	4	5	5
15	5	5	3	5	6	10	12	10	7	9	7	5	5	5	6	4	5	5	5	5	6	7	4	5	6
16	5	7	5	5	5	6	5	3	1	2	2	2	3	2	0	0	2	2	4	3	2	7	2	3	3
17	***	***	12	4	4	2	3	3	3	4	5	4	3	2	3	4	3	3	2	4	3	2	3	3	4
18	3	3	4	2	0	0	0	0	2	3	6	2	1	0	0	0	0	0	0	0	3	2	3	3	4
19	4	0	2	3	3	8	11	13	11	14	8	6	5	8	6	6	5	4	3	5	9	8	7	7	7
20	9	10	11	9	14	16	15	12	9	10	11	4	12	3	3	2	***	2	2	2	0	3	3	4	7
21	11	11	8	10	13	7	3	4	17	15	7	6	5	***	4	6	6	4	3	3	6	6	6	6	7
22	5	5	5	4	5	9	7	11	7	5	6	6	6	7	6	5	3	5	3	3	0	3	4	5	5
23	5	4	2	3	4	6	8	9	5	7	8	7	7	0	7	4	4	4	4	4	3	4	3	2	5
24	3	3	3	0	3	3	3	2	2	1	3	2	3	0	2	0	2	0	0	0	4	5	6	8	2
25	13	7	7	7	5	8	7	4	3	4	3	3	2	2	2	1	0	0	0	0	1	3	4	8	4
26	3	4	4	7	6	4	4	5	5	5	3	2	8	3	3	3	1	2	0	0	0	2	0	0	3
27	2	2	3	2	0	2	4	4	6	4	4	4	3	3	3	6	6	5	5	3	3	4	6	4	4
28	3	3	3	3	6	10	13	8	8	8	10	10	***	9	10	***	6	7	4	5	5	6	5	6	7
29	3	3	3	6	9	14	11	12	10	10	10	8	11	8	***	9	6	5	4	3	4	6	5	6	7
30	4	6	4	6	4	9	11	10	10	11	7	8	7	6	8	5	3	3	2	3	4	3	3	4	6
MEAN	5	4	5	5	5	7	7	7	6	7	6	5	5	4	4	4	3	3	3	3	3	5	4	5	4

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH - JUL 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	2	3	3	3	2	0	0	0	0	0	0	0	2	0	0	0	1	2	4	3	2
2	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	3	1	0	0	0	0	1	1	0	2	1	0	2	0	0	0	0	2	0	0	0	1	0	0	1
4	5	5	2	0	0	0	0	1	2	2	2	2	0	0	0	0	0	0	0	0	0	4	9	11	2
5	10	9	9	10	13	15	19	17	9	9	7	7	6	3	7	2	2	3	2	1	2	3	3	2	7
6	2	4	3	3	4	5	6	6	7	5	5	0	2	3	2	3	3	2	2	2	3	2	0	0	3
7	2	2	5	2	2	0	3	3	2	0	2	2	0	0	2	1	2	2	0	0	0	0	0	1	1
8	2	2	2	0	0	0	0	1	0	0	1	0	2	2	1	0	2	0	0	0	0	0	0	1	1
9	2	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	2	0	0	0	0	0	1	1
10	2	3	2	3	5	6	8	6	8	6	7	5	6	6	6	8	5	4	3	4	4	6	7	4	5
11	4	4	4	4	5	10	11	8	6	9	8	9	8	7	7	8	6	4	5	4	7	9	8	4	7
12	8	6	5	3	4	8	9	9	9	6	5	5	3	2	1	2	2	0	0	0	1	3	3	3	4
13	4	4	5	4	2	2	3	3	3	4	4	3	3	2	2	3	3	2	2	4	3	7	7	3	3
14	5	5	4	8	10	13	12	13	14	8	6	3	4	3	2	4	3	3	2	0	0	1	1	2	3
15	6	7	0	6	6	7	8	2	4	4	3	4	4	3	2	0	1	0	0	0	0	3	4	3	1
16	0	0	0	0	0	0	1	0	2	2	0	2	0	0	0	5	2	0	3	2	4	5	9	7	10
17	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	1	0	2	3	5
18	9	6	7	7	9	13	12	4	6	5	6	5	5	5	2	3	3	2	1	0	1	0	2	3	5
19	2	2	2	4	4	5	5	7	7	9	7	5	6	3	4	3	4	3	2	3	6	5	6	7	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	3	4	2	2	3	9	7	6	5	5	0	2	2	3	4	3	1	2	0	0	4	3	4	4	4
22	1	2	3	4	4	3	5	3	4	3	1	2	3	2	0	0	2	2	0	0	0	0	2	3	2
23	0	2	2	0	0	1	0	0	2	0	0	0	1	1	0	0	0	0	0	0	2	3	4	3	1
24	4	3	4	5	9	10	11	3	2	3	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3
25	8	9	6	8	10	10	5	4	2	3	3	3	3	2	0	2	2	0	2	0	0	0	2	3	4
26	5	3	3	3	2	2	2	3	3	4	2	2	3	2	9	3	3	0	0	1	0	2	0	2	2
27	1	0	1	0	0	2	3	3	3	3	2	2	2	2	2	3	2	2	4	5	3	4	4	3	2
28	3	0	0	5	2	9	8	8	8	9	8	5	6	5	5	3	3	2	1	0	0	2	2	0	2
29	5	4	3	5	0	2	2	1	2	0	0	3	2	1	2	2	2	0	0	0	2	2	5	5	3
30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	2	5	5	3	1
31	4	3	3	6	5	7	11	4	0	1	0	0	0	0	1	2	0	2	0	0	3	4	10	10	3
MEAN	4	3	3	3	4	5	6	4	4	4	3	2	3	2	2	2	2	2	1	1	2	3	4	4	3.0

PERCENTAGE OF DATA VALID - 93.0

PERCENTAGE OF DATA INVALID - 7.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH - AUG 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	5	8	8	5	8	5	0	0	3	2	0	1	1	5	3	2	2	4	7	9	12	5
2	10	10	10	11	15	14	10	6	9	6	5	4	3	11	2	2	2	4	2	2	3	0	2	2	6
3	1	1	0	4	7	7	8	8	10	9	10	10	10	8	7	7	5	6	7	4	4	5	3	5	6
4	3	3	2	4	3	9	7	7	6	6	6	6	3	3	1	1	0	0	2	3	6	7	9	7	4
5	8	6	4	5	4	6	9	6	2	2	2	0	0	0	0	0	0	0	0	0	2	3	2	5	3
6	4	5	4	3	4	5	5	2	2	4	2	2	0	0	0	0	1	2	1	0	2	2	5	9	5
7	5	7	4	3	5	6	4	3	3	1	2	0	0	0	0	0	2	2	3	2	2	0	0	2	4
8	7	8	9	5	5	7	7	6	4	5	4	6	11	9	5	7	5	4	3	5	6	7	4	5	5
9	2	3	4	3	3	2	3	5	4	5	4	6	11	9	5	7	5	4	3	5	6	7	4	5	5
10	4	3	4	4	4	9	12	11	8	2	0	1	3	0	1	2	1	0	0	1	2	7	11	9	5
11	6	9	8	10	10	14	14	3	2	1	1	0	0	0	0	2	1	0	0	1	2	4	11	9	5
12	10	9	6	12	19	7	7	8	5	3	2	1	3	2	1	3	2	1	2	0	3	3	2	4	5
13	4	5	3	3	7	6	6	4	3	2	3	3	2	4	3	3	3	2	4	3	4	9	9	8	4
14	7	4	4	5	4	5	12	16	15	7	6	5	5	4	3	3	4	3	2	2	5	5	6	12	6
15	6	4	4	4	9	6	4	5	4	2	3	4	3	11	2	2	0	0	1	2	1	0	0	1	2
16	3	2	1	2	2	1	2	2	2	2	2	2	3	2	2	6	5	3	4	6	6	7	7	5	4
17	2	0	0	1	0	0	3	4	8	7	7	5	0	0	0	0	3	2	0	0	1	0	0	0	4
18	2	6	6	7	14	15	15	12	3	2	0	2	2	0	0	3	3	2	0	0	0	0	0	0	2
19	0	3	0	2	2	3	2	3	3	2	1	0	0	1	0	1	0	0	0	0	2	2	4	3	1
20	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	12	4
21	3	2	4	7	5	10	12	14	0	2	0	0	0	0	0	2	0	2	0	0	0	0	3	12	4
22	15	10	10	9	10	14	13	9	5	0	6	3	3	3	4	5	3	3	3	2	5	5	13	15	7
23	15	12	13	10	9	20	18	12	4	4	2	2	5	5	6	4	4	4	3	4	4	4	7	9	8
24	5	7	8	5	6	5	7	6	12	11	14	11	11	10	3	0	0	0	2	6	4	5	6	5	7
25	5	4	5	4	3	3	7	6	4	3	3	2	3	3	3	0	3	3	2	2	2	3	5	3	2
26	5	5	5	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	0	0	0	0	2	3	4	3	4	2	2	0	0	0	0	1	2	1	3	3	5	3	2	0
28	0	0	0	0	0	2	3	5	4	4	10	6	7	7	6	6	3	4	5	5	5	4	6	4	6
29	3	2	2	2	0	2	3	5	4	4	10	6	7	7	6	6	3	4	5	5	5	5	5	5	6
30	5	2	3	6	9	16	10	10	9	5	4	5	3	2	3	0	0	0	0	0	0	0	0	0	0
31	6	5	5	5	6	11	13	14	17	10	10	12	9	7	0	7	8	6	6	8	13	10	8	10	9
MEAN	5	5	4	5	6	7	7	7	6	4	4	4	3	4	3	3	3	2	2	3	4	4	5	6	4.4

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*-- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES												SOILING INDEX												UNITS - 0.1 COHS/1000 FT											
		STATION - C NO 33002												PHARMACY AND 401, SCARBOROUGH												MONTH - SEP 78											
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	8	5	5	5	6	10	12	14	14	11	6	0	4	3	2	2	3	2	2	3	3	3	3	2	5												
2	3	3	3	3	4	3	4	4	4	2	2	2	4	2	2	2	0	0	2	3	2	2	2	3	3												
3	3	2	3	2	3	1	2	2	2	3	3	2	2	2	3	2	0	0	0	0	0	0	1	0	2												
4	0	0	0	0	0	1	1	3	1	2	0	2	1	2	0	0	0	0	3	0	3	0	4	4	1												
5	2	1	2	3	4	7	12	16	12	16	14	12	12	11	9	18	5	2	3	3	4	3	3	2	7												
6	2	3	2	4	4	4	6	7	7	7	7	7	4	4	3	2	3	2	3	4	4	5	5	3	4												
7	4	4	4	4	6	6	9	9	10	7	7	7	8	10	7	3	0	0	0	2	2	0	0	3	4												
8	4	5	5	5	3	0	0	2	11	7	7	7	7	3	6	4	0	2	5	7	5	6	5	4	4												
9	6	5	5	5	3	3	3	2	2	3	2	1	2	3	0	0	0	0	0	0	1	3	0	0	2												
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	2	3												
11	7	12	7	10	8	7	14	10	7	14	10	5	5	4	4	4	4	4	4	4	4	4	4	7	1	7											
12	5	6	4	2	2	6	5	6	6	7	7	6	6	7	7	7	5	4	4	4	4	4	4	3	5												
13	4	2	3	3	5	9	7	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2												
14	0	0	0	0	0	2	0	0	0	0	2	0	2	0	2	3	3	2	3	0	0	0	1	2	1												
15	0	0	0	0	3	6	8	4	7	7	4	3	2	4	2	2	5	2	0	0	1	1	0	2	0												
16	2	0	1	0	4	4	4	4	3	2	3	2	2	3	0	2	2	2	0	1	2	0	2	2	0												
17	1	2	0	0	0	0	0	0	0	0	2	2	2	0	1	0	0	2	3	2	2	4	4	3	1												
18	4	3	3	4	5	7	9	4	5	10	6	2	6	9	7	7	3	1	3	4	5	6	4	6	5												
19	4	3	4	5	5	9	13	13	14	5	5	3	3	1	7	7	3	2	4	3	3	2	3	3	5												
20	3	3	2	2	3	4	4	3	4	4	4	3	2	3	4	4	4	3	2	2	6	9	6	4	5												
21	7	7	14	12	8	6	7	17	13	12	12	12	10	7	8	5	6	5	4	6	3	8	4	3	8												
22	3	4	2	4	4	9	10	10	9	9	9	8	8	8	8	3	4	4	2	3	3	3	3	3	6												
23	4	4	4	4	6	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	2	4	7	9												
24	8	6	5	4	3	3	4	3	3	2	2	2	2	3	1	2	2	0	0	2	2	4	4	5	3												
25	3	2	2	3	4	8	8	9	6	7	7	7	7	9	9	5	5	4	5	5	6	5	5	7	6												
26	6	7	2	4	5	7	7	13	2	7	7	7	7	7	7	0	0	0	0	2	2	1	3	3	2												
27	0	3	4	4	4	6	6	7	2	6	6	6	4	4	3	4	3	5	8	9	3	3	3	2	4												
28	3	3	2	2	3	7	7	10	8	6	6	8	8	6	14	6	6	5	7	7	6	7	9	10	7												
29	9	7	11	11	10	14	16	16	6	4	2	3	0	0	0	0	2	0	0	0	2	0	0	0	5												
30	2	3	3	2	3	2	5	1	2	1	2	3	2	2	3	3	3	2	3	2	2	3	2	1	0	2											
MEAN		4	4	3	4	4	5	6	7	6	5	4	4	4	4	3	3	2	2	2	3	3	3	3	3	3.8											

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH														MONTH - OCT 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	2	3	2	2	2	2	1	0	2	1	0	0	2	1	1	3	4	5	6	4	2	
2	4	4	4	6	8	11	14	15	11	8	8	8	7	6	2	2	2	2	4	4	5	4	6	16	7	
3	12	12	10	7	2	0	0	1	0	0	0	1	2	2	2	4	3	3	2	2	0	2	3	3	7	
4	3	3	3	2	2	1	3	5	4	4	3	2	2	3	3	2	4	4	3	3	4	5	3	4	3	
5	5	11	5	4	4	6	8	11	3	2	2	3	3	3	3	2	2	1	1	0	2	0	0	2	3	
6	0	2	0	1	0	2	2	3	3	1	1	0	0	0	1	7	0	2	3	2	0	3	0	2	1	
7	2	0	0	0	1	1	2	4	3	3	2	2	2	0	0	0	0	0	2	1	1	2	0	2	1	
8	2	2	0	0	0	0	0	0	1	0	0	1	1	0	2	0	0	0	1	4	5	4	2	4	1	
9	3	3	4	3	4	8	9	7	7	7	7	7	2	0	0	0	2	0	2	3	13	2	0	2	3	
10	2	3	2	3	2	3	4	7	5	5	4	4	4	4	0	4	4	4	4	3	5	4	5	4	4	
11	3	9	10	13	10	8	10	10	8	8	6	7	6	4	4	3	3	4	6	7	5	3	3	2	6	
12	2	2	3	2	2	2	1	4	4	3	3	3	3	3	3	3	5	4	4	3	2	5	4	3	3	
13	5	3	3	7	6	10	14	11	10	10	9	4	8	9	0	6	6	4	4	4	3	3	3	3	6	
14	2	2	2	2	2	3	2	3	3	2	3	2	3	3	3	3	2	2	0	2	2	2	3	3	2	
15	3	2	0	0	0	0	2	2	2	2	2	2	2	0	1	2	0	1	2	3	5	6	5	3	2	
16	2	1	1	2	3	6	9	10	10	9	6	6	4	0	0	0	0	1	3	15	11	11	12	11	6	
17	8	8	9	7	10	13	17	17	10	4	3	4	4	2	4	3	2	3	5	4	5	3	5	9	7	
18	12	14	20	11	10	8	7	10	9	6	6	3	3	3	3	6	3	4	5	4	7	5	4	7	8	
19	8	6	2	5	7	7	11	14	8	8	5	6	6	2	5	6	6	9	11	9	7	7	6	5	7	
20	3	6	8	9	9	13	14	12	7	7	4	3	2	3	2	4	3	4	4	4	7	4	5	5	6	
21	4	5	4	4	3	4	4	5	7	6	6	5	6	5	3	3	5	3	4	3	5	6	5	3	5	
22	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
23	4	4	3	4	5	5	7	6	8	7	7	5	8	7	7	7	8	2	1	0	0	1	0	2	0	4
24	0	2	3	4	5	5	5	5	5	5	4	4	3	3	2	0	2	1	0	0	1	2	0	2	0	2
25	1	0	1	0	2	2	3	3	2	2	1	1	2	0	1	2	2	2	1	2	0	2	2	0	1	
26	2	1	2	1	2	2	3	4	4	5	4	2	3	3	4	3	3	2	3	2	1	0	0	1	2	
27	2	1	0	0	0	0	0	1	2	3	2	1	0	0	7	2	2	2	2	0	1	2	2	0	1	
28	0	0	0	0	2	0	0	2	3	2	3	0	0	0	0	0	2	0	0	0	0	0	1	0	1	
29	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	4	2	0	1	0	
30	4	4	2	2	1	4	0	0	3	2	3	2	0	0	0	0	0	1	3	3	4	2	2	0	2	
31	3	2	2	3	0	3	3	4	5	5	5	6	4	4	4	4	4	2	3	2	0	0	1	2	2	3
MEAN	3	4	3	3	3	4	5	6	5	4	4	3	3	2	2	3	2	2	3	3	3	3	3	3	3.5	

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	4.9	12	26
FEB	26	5.2	9	22
MAR	31	5.3	11	23
APR	27	3.5	8	19
MAY	31	5.4	12	39
JUN	30	4.8	8	25
JUL	28	3.0	7	19
AUG	31	4.4	9	20
SEP	30	3.8	8	18
OCT	31	3.5	8	20
NOV	30	4.9	13	26
DEC	30	3.7	8	21
YEAR	353	4.3	13	39

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	352	239	39	11	6	0	0	647
FEB	317	265	39	7	1	0	0	629
MAR	354	296	56	11	5	0	0	722
APR	456	168	15	3	0	0	0	642
MAY	384	242	65	26	3	1	0	721
JUN	383	277	36	3	2	0	0	701
JUL	531	145	14	2	0	0	0	692
AUG	425	236	46	7	0	0	0	714
SEP	478	174	28	6	0	0	0	686
OCT	541	160	27	4	0	0	0	732
NOV	405	220	62	16	5	0	0	708
DEC	502	187	22	4	1	0	0	716
YEAR	5128	2609	449	100	23	1	0	8310

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.9	0	0.0	1.7	3.0	5.0	8.8	11.1	14.1	16.0	39	4.3

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH															MONTH - JAN 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	0	1	0	0	0	0	0	0	1	3	3	4	4	3	3	3	2	1	2	3	2	2
2	2	2	2	2	1	2	3	6	9	7	5	5	3	3	3	4	4	4	4	4	4	4	3	4	4
3	3	3	3	3	3	3	5	8	10	7	6	2	3	3	3	3	3	7	9	8	8	7	7	6	5
4	4	2	2	2	3	***	4	8	7	4	5	7	9	7	7	0	8	7	7	7	7	6	8	12	6
5	5	5	4	4	4	4	5	10	12	0	3	10	9	0	5	***	5	5	5	6	8	-	-	3	5
6	3	3	2	1	1	0	2	***	3	3	3	2	2	2	3	0	0	3	0	2	3	3	2	0	2
7	9	***	3	2	3	2	2	6	7	6	5	4	4	4	0	5	7	6	7	9	8	7	7	6	5
8	6	5	4	4	4	3	0	3	2	3	2	3	5	5	4	4	6	11	14	8	4	2	***	2	5
9	0	0	0	0	3	0	3	0	12	3	2	0	***	6	11	2	3	4	2	3	2	4	2	2	3
10	0	2	0	0	0	2	3	0	3	4	3	3	2	3	2	***	4	3	3	1	3	3	2	2	2
11	1	2	2	4	2	0	2	3	4	10	1	3	0	4	5	2	0	4	4	3	6	6	6	4	3
12	4	4	3	3	2	3	5	8	9	15	8	4	4	4	-	4	5	6	0	3	3	5	0	4	5
13	***	3	4	3	4	0	***	6	4	***	5	0	4	0	0	0	3	3	2	3	3	2	2	1	2
14	0	0	0	0	1	1	0	1	2	2	2	2	2	2	2	2	2	4	3	3	3	3	2	3	2
15	3	3	3	2	2	2	2	3	3	4	4	4	4	3	3	3	4	5	9	7	8	4	4	6	4
16	7	5	4	3	4	3	4	7	9	8	8	7	7	4	4	5	7	7	5	6	7	8	9	12	6
17	12	9	10	7	6	6	6	7	9	7	4	4	3	3	3	5	5	5	2	2	3	1	0	1	5
18	1	0	2	0	2	5	1	3	4	3	3	0	3	5	0	6	6	8	6	6	5	7	5	9	4
19	7	8	9	6	5	9	14	15	18	22	21	15	***	4	5	5	6	5	6	6	7	5	3	2	9
20	2	0	1	0	0	0	0	1	3	2	2	2	3	2	3	3	3	3	2	2	2	2	4	2	2
21	2	3	2	2	2	0	2	3	4	4	4	4	4	4	4	5	5	6	19	16	17	21	18	17	7
22	13	13	10	10	11	8	6	7	10	7	7	7	8	5	7	6	12	3	***	***	***	***	***	***	8
23	***	***	***	***	***	***	***	***	***	***	4	8	6	7	***	14	9	8	9	10	10	9	10	11	***
24	10	9	9	8	9	9	13	18	15	15	14	14	13	13	12	11	4	12	13	13	10	11	11	10	12
25	12	11	12	14	13	13	18	24	24	18	9	11	10	10	10	12	8	6	6	5	5	5	3	1	11
26	2	2	3	2	0	2	2	2	6	2	3	***	-	3	0	5	4	-	-	3	10	3	4	2	3
27	3	***	2	3	3	2	3	6	5	3	3	3	3	4	3	2	4	3	3	3	0	2	3	2	3
28	3	1	2	2	2	0	2	2	3	3	5	4	4	4	3	3	3	3	4	5	3	2	3	3	3
29	***	11	***	2	0	2	2	3	3	4	3	3	3	2	3	3	3	2	4	2	2	1	3	4	3
30	2	4	5	4	2	2	5	7	8	8	7	5	***	2	7	2	7	3	8	8	7	6	5	4	5
31	3	3	3	4	6	6	5	9	12	8	7	7	9	6	7	7	8	8	7	6	0	3	2	2	6
MEAN	4	4	4	3	3	3	4	6	7	6	5	5	5	4	4	4	5	5	6	5	5	5	5	5	4.7

PERCENTAGE OF DATA VALID - 94.8

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - FEB 78										
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		3	2	2	2	0	3	5	6	17	***	6	6	5	4	4	5	5	7	6	4	5	6	4	6	5
2		4	5	4	4	***	6	9	9	8	5	3	5	7	2	8	8	9	10	10	10	10	7	8	7	7
3		6	0	4	4	4	3	7	11	9	0	5	4	3	2	4	***	7	3	5	4	5	6	4	4	5
4		3	3	3	3	3	3	3	4	6	8	0	***	***	0	***	3	3	3	6	7	11	18	10	8	5
5		5	4	2	2	2	2	2	2	2	2	2	2	2	17	2	2	2	10	3	4	18	0	21	***	2
6		2	2	2	3	1	0	2	3	2	3	3	3	2	2	2	2	0	4	2	3	1	8	0	0	5
7		15	***	***	0	0	***	2	4	3	3	0	4	4	3	4	4	5	6	5	5	5	3	3	2	4
8		2	2	2	2	2	0	5	8	12	***	6	5	5	5	5	5	0	***	9	18	8	0	3	4	5
9		0	3	3	2	3	3	3	13	4	7	7	5	3	3	15	5	4	8	11	10	5	4	5	6	6
10		4	4	4	4	11	5	0	8	13	11	7	4	4	4	0	***	3	6	0	4	3	4	5	10	5
11		8	10	4	7	3	4	5	7	0	6	3	3	3	3	3	2	2	3	3	2	2	4	4	4	4
12		3	1	1	1	0	1	1	0	0	3	3	3	8	3	3	2	2	2	3	2	3	3	3	2	2
13		4	4	0	0	0	0	2	2	2	***	2	2	1	0	0	0	2	2	3	2	3	2	3	2	2
14		2	0	0	0	1	2	4	11	11	9	5	5	5	4	3	3	4	5	3	8	10	10	11	9	5
15		10	7	9	8	7	8	13	24	21	17	10	4	8	7	6	9	8	8	9	11	14	18	14	15	11
16		11	10	9	8	9	10	13	19	17	16	***	15	13	12	10	23	11	9	8	9	9	10	18	13	12
17		8	8	7	7	6	5	8	11	11	7	6	9	6	6	9	6	8	7	8	10	10	11	18	13	9
18		16	14	12	11	11	***	9	11	9	10	6	5	6	6	5	5	4	5	6	4	4	3	4	5	7
19		4	9	8	7	5	7	8	6	6	10	4	3	3	3	2	2	2	4	6	7	8	7	6	5	4
20		8	11	9	7	10	11	19	31	23	20	14	13	10	13	8	7	9	8	11	11	11	13	12	16	13
21		10	5	6	5	6	7	12	13	13	12	9	9	5	***	3	7	6	6	4	5	4	4	3	4	7
22		3	3	4	3	2	2	6	10	8	5	4	4	3	3	5	3	4	4	3	***	***	***	***	***	4
23		***	***	***	***	***	***	***	***	***	***	13	***	***	6	6	6	9	7	7	8	9	4	7	8	***
24		11	10	9	8	8	7	11	10	8	8	5	***	4	3	3	5	6	9	10	11	13	4	4	7	7
25		5	5	6	6	0	0	2	2	1	1	3	3	0	0	2	2	4	4	0	0	3	3	0	0	2
26		2	2	2	2	6	6	0	0	6	6	2	2	1	1	2	2	3	3	5	5	3	3	4	4	3
27		3	3	3	3	2	2	4	4	4	4	4	4	4	4	***	***	3	4	4	3	4	5	5	5	4
28		5	7	7	7	7	6	7	10	16	18	15	11	11	8	***	5	6	3	5	7	7	6	8	14	8
MEAN		6	5	5	4	4	4	6	9	9	8	5	5	5	4	5	5	5	5	6	6	7	7	7	6	5.7

PERCENTAGE OF DATA VALID - 94.3

PERCENTAGE OF DATA INVALID - 5.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH															MONTH - MAR 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	10	14	7	7	9	11	11	9	9	8	6	5	7	5	5	6	5	4	5	6	5	3	3	
2	2	2	3	4	3	3	3	9	10	7	4	3	3	3	3	3	4	4	4	7	6	6	6	5	4
3	4	6	5	3	2	3	3	5	3	3	2	2	3	3	3	4	3	3	3	4	3	3	3	3	
4	2	3	2	2	2	1	2	2	1	2	2	2	3	2	2	2	2	2	3	4	4	5	4	5	3
5	3	3	4	3	2	3	2	2	2	3	3	2	1	0	2	1	2	2	3	3	4	4	5	5	3
6	6	6	5	5	6	7	10	17	15	10	6	5	4	3	3	3	5	5	4	5	5	5	7	7	6
7	4	2	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	4	3	6	4	4	5	3	4	.....
8	4	2	3	2	3	5	7	9	6	4	2	0	0	0	1	2	2	1	0	3	9	12	18	21	5
9	24	18	17	12	16	19	18	29	29	19	11	11	9	11	7	10	7	9	8	5	4	7	10	13	13
10	13	12	14	14	15	13	15	14	11	.....	12	7	7	7	6	6	5	5	7	12	16	8	7	9	10
11	10	12	14	11	12	12	14	18	13	15	9	8	9	9	9	9	9	9	12	13	16	15	17	20	12
12	15	7	15	14	12	12	10	11	11	8	6	7	6	4	3	.....	3	3	4	3	4	4	6	6	8
13	5	9	9	10	11	14	0	37	32	9	5	7	7	.....	5	6	4	4	3	3	3	4	5	5	9
14	4	5	4	5	5	5	6	7	7	7	6	9	7	7	5	5	4	4	4	3	4	4	.....	4	5
15	3	2	2	1	2	2	3	4	6	4	4	4	4	5	4	4	7	7	4	4	4	5	4	4	4
16	3	3	3	.....	.....	.....	.....	6	4	3	2	2	0	1	1	2	2	1	0	3	6	4	4	2	3
17	3	4	3	2	3	4	3	5	3	2	3	2	3	6	2	2	5	6	6	6	6	5	5	4	4
18	3	4	3	2	3	2	3	4	4	4	4	3	3	3	3	5	3	4	5	4	3	3	3	3	3
19	4	3	3	3	2	2	3	3	3	4	2	2	2	0	1	0	0	0	0	1	2	2	3	3	2
20	2	2	5	4	6	5	7	8	4	2	2	2	2	2	8	1	1	1	0	0	1	1	2	3	3
21	3	4	4	5	5	8	13	18	24	24	20	18	10	8	8	9	8	6	5	6	5	6	4	3	9
22	3	4	3	2	3	3	5	6	5	5	4	5	7	7	5	3	5	9	9	9	9	7	7	6	5
23	3	2	2	2	2	2	7	8	5	4	5	4	4	2	3	3	2	2	1	3	5	3	2	0	3
24	2	0	0	1	0	0	2	2	2	3	2	2	2	2	2	2	0	0	2	3	4	4	4	3	2
25	3	1	0	2	3	2	3	3	3	2	2	0	1	1	2	0	1	0	2	2	1	1	1	1	2
26	1	1	2	2	2	1	1	0	0	2	2	1	2	2	2	2	2	2	1	2	2	2	1	2	0
27	0	1	2	0	1	0	3	4	5	4	3	6	7	6	7	5	8	6	7	6	6	4	5	5	4
28	3	2	2	3	5	5	7	7	11	7	7	3	8	5	5	6	4	5	4	3	2	4	5	14	14
29	13	12	7	6	4	2	3	4	6	3	3	3	4	3	0	3	3	4	3	2	2	3	4	4	4
30	4	3	5	3	5	5	8	13	11	7	10	11	9	6	5	3	3	3	.....	3	5	5	6	6	6
31	5	5	5	5	6	7	.....	.....	.....	8	5	3	3	-	-	3	3	3	0	1	2	-	0	.....	4
MEAN	5	5	5	5	5	5	6	9	8	6	5	5	5	4	4	4	4	4	4	4	5	5	5	6	5.1

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. .... INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH															MONTH - APR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	0	4	3	4	5	7	2	10	8	6	6	3	3	3	0	0	0	0	0	0	0	****	****	3	
2	DATA INVALID														1	0	0	1	1	2	2	2	0	2	2	****
3	2	2	2	3	3	4	4	7	5	5	5	5	6	6	7	8	7	6	6	4	8	11	3	1	5	
4	0	7	0	0	1	2	3	5	5	3	2	3	0	3	0	3	3	3	3	0	8	8	8	9	3	
5	8	8	6	4	5	4	4	0	2	1	1	0	0	2	0	0	0	0	0	0	0	0	0	1	2	
6	2	2	2	4	6	5	3	5	5	7	3	1	4	3	3	2	2	0	0	0	1	0	0	1	3	
7	0	0	1	0	0	0	0	0	1	10	3	2	2	1	2	2	2	2	2	2	3	3	3	3	2	
8	2	1	****	0	0	0	0	1	2	2	2	2	2	2	1	0	1	0	0	0	2	2	2	.....	1	
9	2	2	4	0	****	1	****	2	0	1	0	****	****	5	2	2	0	0	0	0	1	2	0	3	1	
10	1	2	.....	1	2	0	3	5	.....	3	.....	11	6	4	14	4	4	3	2	3	3	.....	2	2	4	
11	.....	4	0	0	1	4	6	5	4	.....	3	5	.....	.....	5	3	2	4	9	8	12	6	4	.....		
12	5	6	6	6	4	3	5	6	4	3	2	2	1	0	2	2	2	2	1	0	0	0	0	1	3	
13	0	0	0	2	1	0	0	0	4	3	2	2	3	2	4	2	2	2	2	2	2	2	0	2	2	
14	0	0	0	2	3	2	0	2	2	0	2	0	2	1	.....	2	1	1	.....	2	0	2	2	1	1	
15	2	2	1	0	2	0	.....	1	.....	3	3	.....	.....	0	1	2	.....	3	0	0	0	.....	.....	.....	1	
16	0	.....	.....	0	.....	3	5	5	.....	3	4	.....	2	3	1	.....	4	6	.....	2	3	3	4	3	4	
17	5	6	2	2	1	4	.....	3	4	2	0	2	2	2	2	0	2	2	2	2	0	.....	0	0	2	
18	1	2	2	2	2	2	1	2	0	2	3	3	3	3	0	0	2	2	2	.....	1	0	0	2	2	
19	5	2	0	0	0	0	0	3	3	2	3	2	.....	5	3	4	7	5	4	3	2	2	2	3	3	
20	0	0	1	0	0	0	3	5	5	5	2	3	3	3	3	5	7	3	3	2	2	2	3	2	3	
21	3	.....	2	1	2	2	.....	.....	3	3	3	3	3	3	0	0	0	3	2	2	2	2	2	3	2	
22	2	2	0	0	2	4	4	3	4	2	2	8	.....	2	2	2	2	2	3	7	7	13	12	10	4	
23	7	5	6	6	2	3	4	6	4	2	3	2	3	.....	3	3	4	3	2	4	4	3	3	2	4	
24	2	1	2	2	0	1	3	3	4	0	0	0	0	0	1	0	0	0	0	2	3	7	10	7	2	
25	4	3	2	.....	0	.....	4	4	2	4	0	2	0	0	.....	1	4	17	11	0	0	4	5	5	3	
26	4	4	3	.....	3	6	5	5	.....	.....	0	2	0	2	0	.....	2	2	2	0	2	0	2	3	3	
27	2	3	2	0	2	5	2	7	1	2	3	0	2	3	3	3	3	.....	9	12	2	6	7	5	4	
28	16	26	5	3	3	3	2	3	3	2	3	0	1	3	2	.....	1	1	0	0	0	.....	0	0	4	
29	3	0	0	0	17	4	0	0	0	2	2	2	2	0	.....	1	1	0	0	0	0	2	1	0	2	
30	3	3	2	2	2	3	3	4	3	2	3	2	3	2	3	2	2	2	2	2	2	3	3	3	2.6	

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 9.4 PERCENTAGE OF DATA UNAVAILABLE - 3.2

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. .... INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - MAY 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	2	2	6	3	***	2	2	3	4	3	3	0	0	1	1	0	11	***	***	2	2
2	1	2	2	***	3	4	7	7	5	4	3	5	2	***	5	5	6	3	3	3	4	0	2	***	1	3
3	0	2	1	0	4	0	7	5	3	2	2	1	0	0	0	***	0	15	2	1	0	3	2	2	2	2
4	2	***	0	2	2	7	5	3	3	2	3	2	4	2	1	3	1	2	1	2	0	2	1	1	0	2
5	1	2	2	2	2	2	2	2	2	2	3	2	2	3	3	4	3	6	8	0	9	7	4	3	3	3
6	1	1	1	2	2	2	2	2	3	3	1	0	3	0	0	1	2	2	3	3	3	3	2	2	2	2
7	3	4	3	3	2	2	2	3	3	3	3	4	4	3	***	4	4	0	3	3	2	2	***	4	3	3
8	2	2	0	2	***	3	4	3	3	3	3	4	0	4	3	5	3	4	2	4	3	6	3	0	4	4
9	3	***	2	3	3	3	0	12	10	12	3	6	0	4	3	5	3	4	2	4	3	6	3	0	4	4
10	0	1	0	0	1	3	***	***	***	***	4	0	4	0	6	6	6	3	2	3	0	2	5	6	6	3
11	9	8	0	8	9	13	13	8	8	5	***	4	3	2	3	3	3	3	4	4	3	3	3	17	5	6
12	20	***	5	5	5	3	5	6	7	6	6	6	6	6	7	3	26	5	***	3	7	0	12	0	7	7
13	4	0	5	13	0	***	0	***	2	0	3	0	3	4	2	2	2	3	6	2	9	6	4	0	1	3
14	0	0	2	2	***	0	0	0	0	0	2	***	0	1	2	0	2	***	2	17	0	9	6	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	2	1	2	2	0	2	2	2	1
16	0	2	0	2	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	3	5	6	3	4	3	2
17	3	1	1	1	3	2	0	2	1	1	0	0	0	0	0	0	0	1	0	3	3	3	3	5	5	2
18	5	3	5	5	7	7	10	7	5	4	5	6	10	12	11	10	8	7	10	8	11	14	16	12	8	8
19	8	8	11	12	18	22	16	18	19	14	11	14	10	8	9	6	8	***	***	6	7	7	9	9	3	11
20	4	5	5	4	5	5	7	6	6	7	8	7	6	6	5	6	4	3	3	3	3	2	3	4	5	5
21	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0	1	2	1	2	2	4	1
22	3	2	6	4	3	4	5	4	1	0	0	0	0	2	2	3	2	4	5	9	10	10	5	4	4	4
23	3	3	3	3	3	11	9	2	1	4	1	0	***	5	5	3	3	5	5	5	5	5	5	6	9	4
24	10	11	9	9	11	13	12	12	10	6	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	7
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	6	5	4	4	4	8	9	9	9	9	8	16	7	7	7	9	9	6	5	5	6	8	10	12	15	8
27	14	14	14	18	15	11	10	10	9	6	5	4	4	4	3	3	***	2	2	2	2	2	2	2	2	5
28	7	9	10	9	9	9	9	6	5	4	4	4	4	3	3	***	2	2	2	2	2	2	2	2	2	5
29	3	1	0	6	8	11	11	11	13	14	9	8	6	4	5	5	3	4	4	4	4	4	4	4	4	6
30	10	11	8	8	9	8	4	7	9	8	6	4	5	5	3	4	4	4	4	4	5	6	5	5	6	6
31	9	12	14	9	12	14	17	14	10	9	7	6	6	4	6	3	2	0	0	2	2	0	0	3	7	7
MEAN		4	4	4	5	5	6	7	6	6	4	4	4	4	4	4	3	4	3	3	4	4	4	5	4	4.4

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 7.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT												
		STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH												MONTH - JUN 78												
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	2	0	0	3	***	5	4	4	5	4	0	3	3	3	0	2	2	2	0	1	2	3	2	2
2	3	3	2	5	7	11	15	18	16	14	11	3	2	2	3	4	3	2	2	3	3	3	3	2	1	1
3	2	0	0	0	0	1	2	3	2	2	2	0	0	0	1	1	1	1	2	1	1	2	2	1	1	1
4	2	0	1	3	2	5	5	3	2	2	1	3	2	1	1	9	3	3	2	4	4	5	4	3	3	3
5	2	3	3	3	0	3	4	4	3	2	3	2	3	***	0	4	3	4	2	0	0	4	5	5	5	5
6	6	0	9	8	9	13	13	10	9	7	6	4	3	3	-	2	2	2	2	2	3	6	6	5	6	6
7	4	4	6	0	***	5	6	6	5	8	6	7	9	6	7	2	5	4	5	6	6	7	7	7	6	6
8	5	7	8	6	10	11	7	9	10	10	***	5	9	7	***	9	4	3	3	2	2	2	2	2	3	1
9	1	2	0	1	1	4	13	9	6	4	4	7	4	3	3	3	2	1	0	3	2	0	2	2	2	3
10	0	2	0	2	2	9	6	2	2	2	2	1	2	***	1	0	1	1	1	0	2	3	5	6	3	2
11	6	3	3	4	4	4	5	5	7	6	5	5	4	4	3	3	3	4	3	3	3	4	6	5	4	4
12	4	4	3	5	5	6	8	8	7	2	2	***	12	6	6	6	3	6	13	5	2	0	2	0	5	5
13	0	0	0	0	0	1	3	4	3	2	2	2	2	2	0	3	2	0	1	0	2	2	1	0	1	1
14	1	0	2	0	1	0	12	4	2	2	0	2	1	0	1	2	3	2	0	2	2	3	4	3	2	2
15	2	3	4	3	3	5	4	3	4	2	2	2	2	3	3	6	***	2	2	3	4	5	7	7	4	4
16	7	8	8	8	7	6	4	0	0	2	3	3	4	3	9	4	3	3	3	4	3	3	4	5	4	4
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	5	5	5	5	3	3	2	2	3	5	4	2	13	2	2	2	0	1	0	0	1	1	2	1	3	3
19	1	0	3	2	3	5	9	9	8	7	5	4	***	9	0	6	4	3	1	2	1	2	4	5	4	4
20	6	6	7	6	7	10	13	7	7	4	4	7	6	5	4	3	4	4	4	3	3	3	3	4	4	4
21	4	5	6	5	5	5	5	5	10	8	8	9	9	11	12	9	0	3	2	0	1	2	4	2	5	5
22	2	1	1	0	1	3	3	4	2	2	2	2	2	2	0	2	3	2	2	2	0	0	6	16	3	3
23	***	2	2	1	0	0	2	3	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2	2	0	2
24	2	2	2	0	0	2	2	0	0	2	0	2	2	2	0	0	0	0	0	0	2	***	4	7	9	4
25	10	9	8	6	7	7	7	7	3	4	3	4	3	3	2	2	2	2	1	11	0	4	5	4	3	5
26	4	4	4	5	***	7	6	5	6	6	8	6	6	8	5	5	4	4	3	4	3	4	5	4	0	6
27	4	4	4	1	4	9	9	13	14	11	7	8	8	7	4	3	4	4	3	2	2	2	0	3	3	2
28	2	0	1	1	2	3	4	6	4	3	3	4	3	0	3	3	3	3	2	1	0	2	2	2	2	3
29	3	3	2	2	2	5	7	7	6	4	3	3	3	3	3	4	4	0	2	2	2	***	1	1	2	2
30	3	2	2	2	2	2	2	2	1	2	3	3	3	2	2	4	3	2	1	1	1	1	1	1	2	2
MEAN		3	3	3	3	3	5	6	6	5	5	4	4	4	4	3	4	3	2	2	3	2	3	4	4	3.7

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - C NO 33003		LAWRENCE/KENNEDY SCARBOROUGH												MONTH - JUL 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	1
2	3	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
3	0	0	0	0	0	***	0	0	0	0	0	2	2	0	1	0	1	1	0	0	1	2	0	1	1
4	2	8	2	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	2	3	5	6	8	2
5	7	6	***	5	6	9	13	9	9	7	7	2	0	3	2	0	2	4	3	***	5	4	4	5	5
6	5	7	6	5	5	9	10	9	9	9	7	5	2	3	5	4	4	4	5	5	5	4	6	7	6
7	6	7	9	9	11	11	11	12	9	17	10	7	6	4	4	4	4	3	3	4	5	5	5	5	7
8	6	0	5	5	***	5	7	0	6	6	4	3	3	3	2	1	0	1	1	0	0	0	0	0	3
9	2	1	0	0	0	0	***	2	2	***	2	2	0	1	1	2	2	0	1	2	2	3	3	4	1
10	5	4	3	3	3	3	3	3	3	3	***	***	2	3	0	2	2	2	0	3	2	1	2	2	2
11	2	0	2	0	2	2	4	3	2	3	2	2	2	2	2	2	1	0	1	2	2	3	2	2	2
12	3	1	3	3	3	5	6	5	4	3	3	5	4	0	2	3	2	0	0	1	3	4	5	5	3
13	6	7	6	6	3	5	5	6	4	5	5	5	5	6	6	5	5	20	5	5	8	3	6	6	6
14	10	9	6	6	12	9	12	10	11	2	9	6	0	6	0	0	0	2	2	3	0	5	2	0	5
15	3	6	3	4	0	0	8	4	4	4	4	4	3	3	3	4	4	6	3	2	0	0	2	1	3
16	0	0	2	2	2	0	0	0	0	0	1	4	2	0	8	0	0	0	0	0	***	1	0	3	1
17	0	2	0	1	0	3	5	3	3	3	3	2	6	2	2	3	2	4	4	3	3	4	13	3	3
18	6	5	6	5	7	8	11	9	8	7	8	6	7	8	6	5	3	3	3	2	4	4	5	5	6
19	4	4	6	7	7	11	13	***	12	10	10	9	0	5	5	5	5	5	5	4	4	6	7	6	7
20	7	7	6	6	7	8	9	10	10	12	12	11	9	6	6	6	6	5	4	5	2	4	5	4	7
21	5	4	4	3	3	0	7	5	3	0	3	4	0	8	10	3	3	3	***	***	5	2	2	3	4
22	2	5	0	4	***	4	4	3	3	3	***	4	5	5	***	4	4	2	3	3	0	***	0	4	3
23	9	1	3	3	2	2	1	2	2	2	2	0	0	0	0	***	***	0	0	0	0	2	0	0	1
24	0	0	16	0	2	20	***	5	2	0	2	0	0	0	0	0	0	0	0	0	0	2	4	8	3
25	3	4	0	0	***	4	2	2	2	2	3	***	3	0	0	2	0	2	2	2	3	4	6	2	2
26	6	5	5	4	4	6	7	7	7	6	0	***	4	5	3	4	4	5	4	4	0	9	0	4	4
27	4	1	2	1	1	3	6	6	***	1	4	3	4	5	3	3	5	3	5	3	2	0	0	2	3
28	0	0	5	4	0	3	4	***	***	2	3	3	2	12	2	3	3	2	2	3	1	0	3	5	3
29	3	2	3	0	0	3	3	0	2	1	0	3	***	4	4	5	3	3	9	1	0	0	1	13	3
30	0	***	0	1	0	0	0	0	0	0	0	0	3	5	9	0	0	0	0	2	0	2	1	2	1
31	2	2	0	0	3	0	2	0	1	0	0	0	0	2	1	2	2	2	2	2	3	4	7	6	2
MEAN	4	3	4	3	3	4	5	4	4	4	4	3	3	3	3	2	2	3	2	2	2	3	3	4	3.2

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH															MONTH - AUG 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	9	11	5	17	12	9	5	4	3	13	13	0	4	4	***	3	2	3	4	6	7	7
2	0	7	11	11	12	11	14	12	10	7	6	6	5	4	3	4	4	4	4	5	5	5	***	***	7
3	***	***	***	***	***	***	***	***	0	6	7	0	18	5	***	***	***	8	20	4	2	***	3	0	***
4	0	0	0	0	0	2	***	4	4	0	0	1	2	2	2	1	2	3	3	3	4	3	4	4	
5	4	6	4	5	***	6	7	5	3	2	0	0	0	0	0	2	1	2	2	2	3	0	4	5	
6	5	5	9	9	6	5	7	5	3	3	3	2	2	2	2	2	3	3	3	5	7	7	10	5	
7	8	8	9	4	5	5	6	7	3	2	1	2	3	2	2	2	2	2	1	3	2	4	4	4	
8	5	5	5	4	5	8	11	11	11	7	6	7	7	11	6	6	6	7	5	4	4	4	4	6	
9	4	5	6	5	5	7	9	9	9	7	10	7	6	7	6	5	3	6	3	2	2	3	1	5	
10	2	0	1	1	2	4	8	7	2	0	0	1	1	1	2	1	2	1	1	2	4	6	8	9	
11	11	10	8	9	10	11	10	4	2	2	1	0	1	0	0	0	1	0	0	0	2	6	6	11	
12	12	10	8	7	9	10	7	5	4	2	3	3	3	2	5	3	0	4	4	11	11	7	9	8	
13	7	7	8	7	7	9	9	6	5	5	0	6	5	6	27	3	5	4	6	6	7	5	6	7	
14	9	14	8	7	7	11	9	16	11	12	10	9	8	5	3	6	7	6	5	7	5	0	21	0	
15	9	5	0	4	***	5	8	8	5	6	0	6	6	6	0	0	0	4	2	4	3	2	2	3	
16	4	3	***	4	4	6	***	6	7	6	5	4	5	5	6	5	5	***	4	2	2	2	2	4	
17	0	1	1	0	1	2	4	3	4	3	3	3	5	8	5	1	2	2	2	3	2	1	1	3	
18	2	5	6	6	7	9	11	7	2	2	0	2	21	0	5	4	3	3	2	0	0	0	3	1	
19	1	2	3	3	3	4	0	6	6	7	6	5	5	5	4	4	-	-	-	0	0	0	0	3	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	16	1	
21	2	1	1	3	3	5	6	7	3	12	***	***	***	0	0	0	0	0	2	2	***	5	6	7	
22	7	6	13	14	11	14	15	11	10	***	7	6	6	6	5	8	7	8	0	8	7	9	10	13	
23	16	14	13	9	11	0	18	12	1	6	4	4	3	6	9	9	6	6	5	4	5	8	9	11	
24	9	11	11	10	9	9	10	8	16	20	16	10	12	11	5	0	***	0	***	2	***	1	0	0	
25	1	2	6	2	2	0	2	0	3	3	0	2	3	3	4	6	6	7	2	11	12	15	4	3	
26	3	2	2	2	3	4	0	3	2	2	2	0	3	3	2	2	3	0	3	4	4	0	2	2	
27	2	3	0	0	0	***	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	5	0	0	1	2	4	7	5	5	6	6	5	5	4	0	2	2	4	3	2	0	0	3	
29	0	1	***	0	1	0	8	5	7	16	14	6	4	0	1	2	0	0	0	13	***	4	6	***	
30	4	5	4	6	7	8	14	14	15	8	0	4	***	3	4	-	-	-	***	4	3	4	2	1	
31	2	0	2	2	19	0	***	15	0	3	2	1	13	***	2	2	2	2	2	2	4	7	5	5	
MEAN	5	5	5	5	6	6	8	7	5	5	4	4	6	4	4	3	3	3	3	4	4	4	5	5	

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH - SEP 78

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	3	4	5	6	6	3	3	3	3	3	3	2	2	3	3	4	4	3	4	5	4	4
2	5	4	4	4	5	5	6	4	3	3	4	3	3	3	2	1	2	3	3	4	4	3	0	0	3
3	4	4	4	4	4	3	3	4	3	4	3	2	2	2	2	2	2	2	3	2	0	0	2	2	2
4	13	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	5	4	5	5	4	0	3	3	5
5	2	2	4	5	6	6	9	10	7	11	7	7	3	3	2	2	3	4	5	6	7	4	3	2	5
6	4	5	5	6	6	7	10	10	10	11	1	0	1	2	0	1	0	0	0	0	1	0	0	1	1
7	3	2	2	2	2	3	6	3	2	3	0	0	0	2	0	0	2	3	4	5	4	4	3	3	2
8	0	0	1	0	1	0	0	1	3	0	0	0	0	1	0	0	0	0	1	2	0	0	2	1	2
9	3	3	3	2	1	6	0	0	8	0	1	0	0	1	0	0	0	0	4	5	1	2	0	2	2
10	0	0	3	3	3	3	0	0	2	2	2	2	1	1	0	0	1	1	2	2	3	3	2	2	2
11	3	3	1	1	3	3	14	15	13	13	10	11	0	8	7	4	4	3	3	3	3	5	5	3	6
12	3	3	3	0	0	0	0	1	1	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	2	0	2	0	2	2	-	0	5	4	3	4	-	-	-	3	3	3	3
15	3	3	3	2	2	3	7	-	5	4	0	3	0	0	0	2	2	2	3	4	1	0	2	2	1
16	2	2	3	0	1	2	2	2	2	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1
17	2	2	0	1	1	0	0	0	0	0	2	0	0	0	0	0	1	1	2	1	1	0	0	1	
18	0	0	2	0	0	2	0	2	1	3	2	2	2	2	2	3	1	0	1	2	1	3	0	0	2
19	1	0	1	1	2	2	5	2	3	1	3	3	0	3	5	0	4	3	4	4	0	5	5	8	4
20	3	3	0	6	4	0	6	5	7	4	4	3	3	3	5	0	4	3	3	9	7	5	6	8	4
21	8	10	11	12	11	13	15	19	12	5	5	5	4	4	4	3	3	2	2	2	2	1	2	1	7
22	0	0	0	0	1	3	5	3	3	2	0	0	0	0	0	1	1	1	2	4	8	3	3	8	2
23	2	3	0	9	4	3	7	3	3	2	0	0	0	0	0	0	0	0	1	2	3	4	3	8	4
24	0	7	7	9	5	5	4	3	3	4	3	3	4	3	2	2	1	2	4	4	5	3	3	3	4
25	2	0	0	2	2	0	8	4	2	0	1	2	3	3	2	0	2	3	3	0	0	2	3	3	2
26	2	4	0	12	0	2	7	6	0	0	0	0	0	4	3	2	2	2	3	3	2	2	0	0	3
27	10	0	6	6	10	15	9	9	9	8	7	7	0	5	5	5	2	4	0	5	3	17	5	0	2
28	0	0	0	0	0	3	4	5	2	2	0	0	0	0	0	3	3	3	3	2	3	5	4	4	3
29	0	5	6	7	10	10	10	7	5	2	3	3	4	2	0	0	0	0	0	2	0	0	0	2	3
30	2	3	2	2	2	0	3	1	3	3	9	8	3	3	0	3	3	3	3	8	4	0	1	0	3
MEAN	3	2	3	3	3	4	5	4	4	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2.7

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \* - \* INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH - OCT 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	1	0	0	2	3	2	2	0	2	0	0	0	1	0	1	2	4	3	3	3	6	6	1
2	1	2	0	2	2	5	9	8	...	2	2	2	2	0	1	2	...	2	4	3	3	3	6	6	3
3	5	4	2	3	0	0	2	0	0	0	6	6	5	3	2	4	3	3	8	8	6	6	7	7	5
4	3	1	2	11	...	0	3	11	9	4	4	3	4	4	3	2	2	2	2	0	2	3	0	3	4
5	5	8	4	4	3	2	6	4	3	2	2	2	3	3	...	1	3	3	0	3	2	3	...	...	2
6	0	1	2	3	2	0	0	3	2	2	2	2	0	1	...	3	0	2	2	0	0	1	0	...	1
7	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	0	0	0	3	6	16	5	5	2
8	1	0	0	0	0	6	6	7	...	...	...	2	0	1	1	1	0	2	3	0	1	2	2	3	3
9	4	3	0	4	6	6	6	7	...	...	...	6	5	5	4	6	...	18	6	4	0	4	7	8	5
10	3	4	5	3	3	0	6	7	8	7	6	6	5	5	4	6	...	18	6	4	0	4	7	8	5
11	9	8	8	9	10	8	21	5	8	9	7	0	5	6	4	4	0	...	...	14	6	3	...	...	3
12	3	2	3	3	3	4	0	7	19	0	0	6	17	0	...	...	4	6	...	5	3	...	...	...	3
13	4	3	3	5	5	4	9	6	4	4	3	4	...	0	2	3	2	4	6	1	0	0	0	0	3
14	0	0	0	0	0	0	1	2	0	2	2	1	2	2	0	1	2	4	2	0	4	3	0	4	1
15	4	2	2	0	2	2	0	0	1	0	0	0	0	0	0	10	14	6	1	2	20	10	9	8	2
16	0	...	0	...	0	0	2	2	10	3	0	0	0	4	0	3	2	3	3	3	3	5	5	4	5
17	3	3	0	2	4	5	11	22	8	3	4	6	4	5	2	0	6	5	5	9	9	6	7	8	6
18	4	3	3	4	4	7	7	8	8	9	9	5	4	2	2	7	8	7	9	0	9	7	5	0	2
19	6	3	2	...	2	6	10	15	10	10	8	9	6	3	3	3	4	4	5	5	4	5	5	6	6
20	0	0	2	2	4	5	11	18	10	8	9	6	3	3	3	4	4	5	5	4	5	5	6	6	5
21	6	...	19	5	6	6	8	8	7	8	21	8	6	6	5	4	4	4	4	5	5	6	6	5	7
22	5	5	6	5	...	...	8	6	5	5	5	5	5	5	5	5	4	5	5	5	5	6	6	7	5
23	5	4	2	2	1	2	7	4	5	3	3	3	0	3	3	3	2	2	1	1	2	3	5	0	3
24	7	0	2	19	14	15	18	26	12	0	8	6	5	...	2	2	2	2	2	2	3	2	4	3	4
25	6	4	4	4	4	6	5	6	7	5	5	3	5	4	4	4	6	6	5	3	3	2	4	3	4
26	6	4	4	4	6	5	6	7	5	5	3	5	4	3	4	6	4	2	3	3	2	2	3	3	4
27	2	2	0	2	2	3	5	9	6	5	3	2	6	5	4	5	5	6	...	5	5	3	3	3	3
28	4	4	4	4	6	7	7	7	5	3	3	2	0	4	0	3	0	0	3	2	2	13	8	8	3
29	2	2	2	0	0	2	1	1	2	0	1	0	0	0	0	0	1	4	8	12	11	5	4	5	4
30	10	5	4	1	0	0	1	3	3	2	3	2	2	2	2	3	2	4	5	8	11	5	4	5	4
31	5	7	4	7	6	9	...	14	...	12	12	6	6	6	3	4	6	5	3	2	2	4	2	3	6
MEAN	4	3	4	3	3	4	6	7	6	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 \* \* \* INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX																									
UNITS - 0.1 COHS/1000 FT																									
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH																									
MONTH - NOV 78																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	0	4	4	2	12	10	7	2	0	2	3	3	3	0	5	8	9	6	8	9	7	5
2	4	5	5	7	2	6	7	9	11	9	9	4	6	7	5	5	5	7	9	4	9	8	9	11	7
3	22	16	10	15	16	14	21	26	23	5	6	5	7	7	8	2	4	7	6	8	12	12	11	10	11
4	2	12	15	13	14	15	10	10	12	14	13	10	12	12	12	12	12	13	14	18	22	25	22	20	14
5	18	19	16	12	12	10	10	10	10	9	8	9	9	7	7	7	7	8	9	10	0	0	0	8	9
6	8	8	8	9	9	14	12	15	8	8	6	14	5	5	5	2	4	3	2	2	2	2	3	4	7
7	1	2	0	0	0	2	***	7	6	4	3	3	2	2	2	3	3	5	34	2	3	2	3	3	4
8	3	3	3	5	5	10	16	26	21	12	8	7	4	4	4	3	4	6	4	4	4	4	4	2	7
9	4	4	4	4	3	3	5	7	7	7	7	6	3	7	4	7	9	9	0	12	13	12	14	29	8
10	4	0	9	10	11	****	4	10	7	6	5	4	3	6	4	5	5	5	5	5	5	5	6	8	6
11	8	11	9	8	7	11	11	10	11	9	9	8	6	5	9	4	9	8	7	5	2	0	0	0	7
12	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	***	***	2	2	0	0
13	1	0	***	***	1	0	2	4	0	3	5	0	0	4	3	3	4	4	5	6	6	6	5	5	3
14	6	7	6	6	6	7	5	0	6	5	3	3	2	0	4	2	1	0	0	0	0	1	2	0	3
15	2	0	0	0	0	2	2	0	6	4	3	3	3	***	***	0	4	5	7	9	11	9	13	16	5
16	11	11	7	4	2	3	4	16	15	4	3	1	2	2	1	0	0	0	1	0	0	0	0	0	4
17	0	0	0	1	2	2	3	2	2	3	2	2	2	2	1	0	3	3	3	3	10	3	2	***	2
18	0	0	0	0	0	0	0	0	0	2	1	0	2	2	0	0	2	3	3	5	7	4	8	0	2
19	3	2	3	2	0	3	3	2	1	7	1	1	0	2	1	0	16	0	1	2	2	1	1	1	2
20	0	0	0	0	0	***	1	***	2	2	0	2	2	5	***	2	2	2	2	1	1	2	1	1	1
21	2	0	0	1	2	0	2	3	3	2	2	2	2	2	0	0	1	3	4	12	6	6	5	5	3
22	3	26	3	4	4	5	5	0	6	5	***	2	1	0	0	2	0	***	1	0	0	2	0	2	3
23	2	1	2	2	2	2	***	3	12	0	3	4	0	0	4	2	0	8	4	4	5	3	3	3	3
24	3	3	3	***	1	9	10	6	7	6	0	4	3	3	2	7	2	4	3	3	1	2	0	0	3
25	1	2	0	2	0	3	2	4	8	4	4	2	2	2	2	2	3	3	5	6	5	2	1	1	3
26	0	0	1	0	1	0	0	2	0	1	0	0	0	1	0	0	2	2	3	2	0	2	2	2	1
27	8	15	6	8	13	13	19	13	12	10	7	8	7	4	2	4	5	5	5	4	2	2	2	3	7
28	3	3	2	2	3	4	8	10	12	8	9	7	7	5	***	9	11	7	5	4	4	4	3	3	6
29	4	3	3	4	4	4	5	8	9	7	5	4	4	3	3	5	3	4	3	3	0	5	4	4	4
30	3	3	2	2	2	2	3	3	4	2	2	8	3	2	2	2	3	3	4	4	3	5	5	4	3
MEAN	4	5	4	4	4	5	6	8	7	6	4	4	4	4	3	3	4	5	5	5	5	5	5	5	4.8

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																										
POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT													
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - DEC 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	3	3	2	3	4	6	7	7	5	7	6	9	10	8	6	8	7	5	5	5	3	3	5	
2	2	2	0	0	0	1	2	3	4	4	3	3	2	2	2	3	3	2	2	3	2	3	2	1	2	
3	2	2	1	0	0	1	0	4	5	4	2	2	0	1	2	2	3	3	3	2	2	3	3	4	2	
4	5	5	7	5	3	2	3	4	4	3	3	3	3	2	2	5	4	3	2	3	4	2	3	3	3	
5	3	2	2	2	2	3	2	3	5	2	5	3	3	***	7	5	6	5	5	5	5	4	3	3	4	
6	3	3	3	4	3	4	6	9	10	8	6	6	3	3	4	5	6	7	5	2	4	3	4	2	5	
7	3	0	3	3	2	13	2	3	0	5	4	3	2	2	1	2	1	2	2	3	3	9	3	3	3	
8	4	5	0	11	10	12	11	12	11	7	6	2	3	4	1	5	0	4	2	4	3	3	3	0	5	
9	0	0	0	0	***	1	0	3	4	3	2	3	3	3	0	1	1	2	2	3	2	2	2	2	2	
10	2	1	2	4	1	0	0	0	2	1	2	0	3	2	3	3	2	0	0	2	0	4	3	4	2	
11	3	2	2	3	5	10	0	2	5	5	7	7	8	8	7	9	9	6	7	6	9	5	5	5	6	
12	10	17	3	4	5	4	4	5	5	***	4	4	4	4	5	8	5	2	2	2	3	3	3	4	5	
13	4	4	4	3	4	4	4	5	5	4	4	4	4	3	3	1	3	3	3	2	0	1	0	0	3	
14	0	1	0	0	0	0	1	3	5	5	5	3	2	2	2	3	4	3	-	-	-	-	-	-	2	
15	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	4	5	2	4	5	4	5	5	4	***	
16	3	4	3	3	4	7	9	9	9	7	7	8	6	5	5	6	6	6	6	6	6	6	6	6	6	
17	4	4	3	2	0	0	0	2	0	0	1	0	0	0	1	0	0	2	1	2	2	1	1	0	1	
18	0	0	0	0	0	2	3	6	5	7	9	7	5	4	3	3	3	5	3	4	3	3	2	2	3	
19	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	2	4	4	4	4	4	3	1	0	1	***
20	2	1	0	2	2	2	2	3	3	2	2	1	2	0	2	2	2	2	3	2	2	2	2	2	2	
21	4	3	3	2	2	0	0	3	3	2	2	0	0	1	0	2	4	4	3	4	3	4	6	4	2	
22	3	3	2	2	2	3	3	5	5	6	11	3	3	3	3	4	3	3	4	3	4	2	2	3	4	
23	2	0	0	1	1	2	1	2	3	3	4	4	2	3	3	3	2	4	7	14	15	15	19	23	6	
24	18	17	14	8	4	2	1	0	1	2	2	2	2	3	2	3	3	2	2	3	3	4	3	3	4	
25	2	0	0	2	1	2	2	3	3	4	4	8	4	2	2	2	0	2	0	2	2	2	2	1	2	
26	1	0	0	0	1	2	2	2	4	***	3	6	2	3	3	3	3	4	4	4	4	3	3	3	3	
27	2	0	0	0	0	4	3	-	***	2	5	3	4	***	1	2	2	4	3	4	4	2	3	3	3	
28	6	3	2	0	0	2	3	4	7	5	5	3	4	5	4	0	6	7	6	6	6	6	4	3	4	
29	3	3	0	2	2	2	2	5	4	4	3	-	-	-	0	2	3	4	2	3	3	2	2	0	2	
30	2	1	2	2	1	1	2	2	2	2	3	2	2	2	0	3	4	4	6	7	7	9	10	11	4	
31	10	12	7	7	6	7	8	7	8	6	8	7	6	5	5	5	5	5	4	4	4	5	5	3	-	6
MEAN	4	3	2	3	2	3	3	4	5	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	3	4

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.7	12	24
FEB	27	5.7	13	31
MAR	30	5.1	13	37
APR	28	2.6	5	26
MAY	30	4.4	11	26
JUN	30	3.7	6	18
JUL	31	3.2	7	20
AUG	30	4.6	9	27
SEP	30	2.7	7	19
OCT	31	4.0	7	26
NOV	30	4.8	14	34
DEC	29	3.5	6	23
YEAR	356	4.1	14	37

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	434	215	42	9	5	0	0	705
FEB	310	245	56	17	5	1	0	634
MAR	416	228	50	17	6	2	0	719
APR	528	89	8	3	1	0	0	629
MAY	422	207	43	12	2	0	0	686
JUN	495	185	19	3	0	0	0	702
JUL	512	182	18	4	0	0	0	716
AUG	397	237	52	12	3	0	0	701
SEP	570	100	16	2	0	0	0	688
OCT	460	221	17	8	6	0	0	712
NOV	429	197	53	12	11	1	0	703
DEC	534	154	13	4	1	0	0	706
YEAR	5507	2260	387	103	40	4	0	8301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.8	0	0.0	1.5	2.7	4.4	8.4	10.9	14.5	17.4	37	4.1

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - JUL 78												
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY																										
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
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22																										
23																										
24																										
25																										
26																										
27		3	2	2	2	2	0	2	4	***	4	2	2	4	3	3	3	5	4	6	8	0	0	3	2	3
28		1	0	1	1	0	3	0	***	***	0	3	3	0	0	0	3	3	3	2	3	6	4	3	5	2
29		6	6	5	6	0	4	3	0	2	1	2	3	3	3	4	4	3	2	1	0	0	3	0	3	3
30		2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	1	7	4	3	1	
31		3	3	3	3	3	3	3	2	0	0	0	1	2	2	2	2	2	2	4	4	5	5	5	6	3
MEAN		3	2	2	2	1	2	2	2	1	1	1	2	2	2	2	2	3	2	3	3	2	4	3	4	2.2

PERCENTAGE OF DATA VALID - 15.7 PERCENTAGE OF DATA INVALID - 84.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT									
		STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - AUG 78									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	7	7	9	11	13	12	****	****	7	0	3	3	4	4	4	3	2	3	8	6	6	6
2	8	7	7	7	8	9	12	10	9	8	7	6	5	5	3	4	5	5	5	4	5	8	6	3	7
3	6	4	3	4	3	0	0	2	3	3	2	2	3	2	2	2	2	2	4	0	0	4	0	0	2
4	3	3	1	0	0	2	***	3	0	0	0	0	0	4	2	2	1	2	3	3	6	7	11	6	3
5	5	5	5	5	6	6	7	8	0	0	3	1	0	0	1	2	2	2	3	3	3	2	5	7	3
6	8	7	6	6	6	6	7	8	1	2	4	5	3	3	3	3	3	3	4	4	6	8	7	6	5
7	8	8	7	9	8	8	7	9	0	0	0	1	2	3	3	2	3	2	2	2	4	9	7	6	5
8	5	5	5	6	5	6	6	8	8	5	0	4	7	5	6	5	5	6	4	2	3	4	4	4	5
9	4	6	5	5	5	5	8	5	5	7	7	5	7	4	3	3	4	6	3	0	3	5	5	3	5
10	3	2	2	2	2	2	4	2	1	2	0	1	2	2	2	2	2	1	2	3	4	7	6	6	3
11	7	8	8	9	8	9	10	8	3	2	3	2	0	1	0	2	0	2	1	0	2	4	9	7	4
12	7	8	8	8	8	8	6	6	3	2	2	4	4	3	3	3	3	3	6	2	6	9	8	8	5
13	8	8	7	7	7	6	4	9	2	2	6	5	6	5	5	4	4	3	4	3	6	8	11	9	6
14	7	6	5	6	6	3	7	11	10	13	12	10	8	5	4	5	4	6	3	3	5	8	9	8	7
15	8	8	8	8	7	6	7	10	6	5	5	4	4	5	5	5	3	2	3	4	5	1	1	2	5
16	5	6	5	5	6	3	4	6	6	7	5	5	6	6	7	5	3	3	2	0	0	3	2	3	4
17	2	3	2	2	2	0	0	2	2	0	0	1	0	1	0	1	0	0	0	0	2	5	6	6	2
18	4	3	4	5	6	7	8	10	3	2	2	2	4	3	4	3	3	3	2	0	2	4	3	2	4
19	2	2	2	3	3	4	2	4	4	5	4	3	4	4	4	3	3	3	2	0	0	4	2	1	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
21	0	0	2	2	2	5	8	7	8	1	****	****	****	0	0	0	0	0	2	2	7	7	7	6	3
22	6	6	8	9	9	10	9	10	13	13	5	5	5	5	0	6	5	6	5	3	7	11	9	10	7
23	11	12	12	12	12	11	10	13	13	5	4	4	3	6	9	8	6	6	5	4	5	11	10	9	8
24	10	9	9	9	7	4	6	11	14	15	15	11	13	11	8	4	2	0	0	0	0	4	3	3	7
25	2	2	3	3	3	3	0	3	3	4	2	3	3	4	5	6	8	8	8	7	9	10	8	7	5
26	6	5	4	3	3	3	4	4	0	0	0	0	6	4	3	2	2	3	3	3	6	4	5	5	3
27	4	4	2	1	0	0	1	2	4	0	0	0	1	0	0	1	1	0	2	0	0	0	0	0	1
28	0	0	0	2	2	3	3	12	3	5	4	4	4	4	***	0	3	3	3	3	3	3	1	0	3
29	0	0	0	0	2	3	5	9	10	5	6	2	2	0	0	0	0	0	0	2	3	4	4	4	3
30	5	5	4	4	5	8	11	14	12	7	6	5	5	4	4	-	-	-	****	3	4	4	3	2	6
31	2	1	0	1	2	2	6	6	6	5	0	0	2	1	0	1	2	0	2	4	2	4	6	7	3
MEAN	5	5	5	5	5	5	6	8	5	4	4	3	4	3	3	3	3	3	3	2	4	5	5	5	4.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL	5	2.2	3	6
AUG	31	4.2	8	20
SEP	30	3.2	8	18
OCT	30	4.0	8	24
NOV	30	4.8	15	23
DEC	30	3.4	7	24
YEAR	156	3.9	15	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	103	14	0	0	0	0	0	117
AUG	424	273	30	1	0	0	0	728
SEP	531	157	11	5	0	0	0	704
OCT	448	241	20	4	1	0	0	714
NOV	425	205	60	16	7	0	0	713
DEC	543	166	7	1	3	0	0	720
YEAR	2474	1056	128	27	11	0	0	3696

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
83.7	0	0.0	1.5	2.7	4.3	7.6	9.7	12.8	15.1	24	3.9

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT												
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - JAN 78												
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		3	3	4	3	0	0	6	***	0	5	***	0	2	3	4	4	8	0	0	2	2	3	0	6	3
2		0	0	2	2	2	2	3	7	8	3	3	3	3	2	3	3	2	3	3	3	4	3	3	4	3
3		4	0	2	5	0	3	3	8	4	3	3	2	1	2	0	1	3	3	7	6	7	6	4	5	3
4		7	0	0	5	6	***	7	7	14	11	6	9	9	***	2	7	4	5	6	5	5	5	5	4	6
5		2	2	3	2	3	3	5	6	18	14	11	10	13	11	13	8	13	14	13	9	9	-	-	3	8
6		3	3	1	0	2	3	4	***	12	7	6	8	7	11	4	6	7	7	4	5	6	0	3	6	5
7		0	2	2	3	3	2	3	4	10	6	4	5	5	5	6	12	4	5	7	8	8	8	6	8	5
8		6	6	5	5	4	4	5	5	4	5	4	3	4	5	4	5	7	10	5	3	2	2	1	0	4
9		0	0	0	0	0	2	0	4	2	0	0	0	4	0	0	1	2	4	4	0	0	0	0	1	1
10		4	0	0	0	4	0	4	0	6	0	0	0	0	***	4	2	0	1	0	1	0	0	0	0	1
11		0	3	4	5	2	0	0	3	6	1	0	3	4	4	0	0	6	0	0	3	9	6	4	4	3
12		3	3	2	1	2	2	3	8	10	11	4	2	4	-	9	8	11	15	8	6	8	9	7	6	6
13		7	6	5	4	7	7	9	8	9	***	5	5	4	3	4	4	3	3	2	2	2	1	6	5	5
14		0	0	0	0	2	4	0	0	1	0	3	5	0	0	2	2	2	2	5	0	0	1	2	0	1
15		2	2	2	2	0	0	2	2	4	2	0	2	0	0	3	2	2	4	8	0	0	3	5	0	2
16		6	6	0	0	8	3	1	3	5	5	4	6	3	3	4	5	6	4	4	7	10	7	10	12	5
17		7	7	7	7	4	4	4	4	4	6	5	1	2	***	***	7	6	2	3	2	1	1	5	0	4
18		0	2	3	0	0	0	7	0	2	3	0	0	2	2	2	2	4	8	3	0	3	6	6	3	3
19		5	7	9	7	6	15	13	13	17	18	11	5	3	2	2	3	4	4	3	3	3	2	4	7	7
20		2	2	0	2	2	2	2	3	3	2	3	2	2	2	0	2	3	6	0	1	2	2	3	3	2
21		0	2	2	2	6	0	0	3	7	0	0	1	2	8	0	0	2	4	7	11	10	12	10	11	4
22		9	6	7	8	6	3	4	5	5	4	3	3	4	3	3	6	8	5	5	4	5	4	5	4	5
23		5	5	6	5	7	5	4	5	10	10	9	7	7	6	8	8	10	9	8	9	8	7	10	6	7
24		7	6	7	7	11	9	13	15	15	11	9	12	***	5	11	10	12	11	12	11	3	0	0	9	9
25		0	0	0	0	0	0	12	16	13	7	9	10	8	13	11	8	12	9	7	5	6	4	3	6	4
26		3	2	3	3	2	2	4	5	6	5	3	***	-	7	3	***	***	-	***	11	3	4	3	4	4
27		2	0	2	0	0	2	2	3	3	2	2	4	0	1	0	1	2	4	3	2	2	2	0	2	2
28		0	0	1	0	1	2	2	3	6	0	0	2	2	0	1	2	4	2	4	3	0	2	0	2	2
29		0	3	3	5	3	0	3	4	1	0	0	0	2	2	3	2	2	2	0	4	0	6	3	2	2
30		3	4	6	3	2	2	3	2	2	4	3	2	3	3	7	9	5	9	7	10	4	4	4	3	4
31		3	2	3	8	5	3	3	8	9	8	6	7	4	4	5	11	4	10	4	3	3	2	3	2	5
MEAN		3	3	3	3	3	3	4	5	7	5	4	4	4	4	4	5	5	6	5	5	4	4	4	4	4.1

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT														
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK										MONTH - FEB 78														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		2	2	2	2	2	3	4	4	4	6	3	6	4	1	2	2	4	5	5	3	3	8	0	1	3
2		4	3	6	3	4	4	5	10	7	7	8	9	6	4	6	7	11	9	6	9	7	6	5	4	6
3		3	4	3	3	4	5	8	15	7	0	0	4	2	2	3	0	2	3	2	2	3	4	4	6	4
4		3	3	3	2	2	5	5	5	4	0	2	***	***	3	3	5	6	2	6	8	12	15	10	11	5
5		4	4	3	3	3	3	3	7	0	0	2	1	2	2	6	0	0	2	3	3	2	2	0	2	2
6		0	1	1	0	4	4	0	0	2	2	0	0	1	2	3	7	0	2	2	6	0	0	0	2	2
7		0	0	0	0	1	2	3	6	0	5	0	0	1	0	1	0	3	2	4	7	0	1	0	0	2
8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0
9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		0	0	2	0	0	0	0	0	0	0	0	0	0	0	***	***	***	11	5	3	3	4	5	4	2
11		4	4	4	3	8	3	3	0	3	2	3	2	2	2	2	2	2	2	2	1	3	6	3	4	3
12		3	0	0	3	0	1	0	2	3	0	2	3	2	2	1	0	0	2	1	2	0	1	2	2	1
13		7	5	5	3	0	0	2	2	0	2	3	4	4	3	0	2	8	2	2	3	3	6	0	4	3
14		0	3	2	2	3	4	5	3	6	4	2	4	2	4	2	0	2	3	4	7	12	11	7	5	4
15		2	5	4	7	6	6	7	12	13	13	8	6	9	8	9	11	12	11	9	10	9	9	13	9	9
16		11	10	12	11	10	15	11	10	13	9	7	9	10	10	11	11	7	8	7	8	9	9	6	6	10
17		6	6	6	6	6	4	8	7	7	3	4	5	4	4	4	3	4	4	6	11	7	7	12	8	6
18		9	10	4	6	7	***	5	8	7	7	4	4	4	4	4	3	4	4	4	5	6	0	2	4	5
19		2	3	3	3	3	3	3	3	2	0	2	2	2	1	0	0	2	2	4	4	4	4	7	4	3
20		5	7	8	5	7	9	11	13	10	12	14	10	7	7	10	12	8	6	6	5	9	7	8	9	9
21		6	3	3	6	12	9	8	9	7	4	4	6	3	3	3	3	3	3	5	3	2	2	1	4	5
22		5	0	6	0	0	2	4	8	3	0	0	0	1	2	1	0	2	3	2	***	***	3	3	2	2
23		2	3	4	2	3	3	5	7	7	10	8	7	5	4	4	6	6	6	9	5	6	3	6	7	5
24		5	6	6	5	5	5	6	6	5	6	3	***	***	3	1	2	6	6	8	7	5	8	2	4	5
25		6	7	7	9	***	6	7	6	5	4	3	4	3	2	1	2	2	7	4	3	2	3	4	3	4
26		4	4	2	2	0	3	2	1	0	1	0	1	0	1	0	0	0	1	3	4	4	1	0	3	2
27		3	3	2	4	1	1	3	4	3	0	2	2	1	1	1	0	1	3	3	3	4	4	4	4	2
28		5	6	6	7	4	7	13	9	10	7	6	***	***	***	4	3	11	9	8	12	10	9	8	16	8
MEAN		4	4	4	3	4	4	5	6	5	4	3	4	3	3	3	3	4	4	5	5	5	5	4	5	4.0

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - MAR 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	8	6	5	6	6	11	9	6	3	....	6	3	3	2	3	3	4	7	4	3	3	3	6
2	1	3	3	3	1	2	3	7	3	3	2	2	2	1	1	2	3	3	7	4	3	4	8	5	3
3	5	6	9	4	6	6	6	9	9	6	9	6	4	2	3	3	2	4	4	3	2	3	2	2	5
4	4	3	3	6	0	0	0	1	0	0	0	0	1	1	0	0	2	3	3	2	3	6	6	6	2
5	3	6	3	5	0	2	1	2	0	0	0	0	1	0	0	2	2	1	2	2	3	4	3	2	4
6	7	4	4	4	5	6	6	7	5	4	6	6	4	2	2	0	2	1	5	6	4	5	4	4	2
7	4	4	3	3	2	2	4	4	3	3	2	2	2	1	2	1	0	1	1	2	6	6	0	0	2
8	2	7	0	0	3	3	1	2	4	4	3	8	7	5	5	4	3	7	8	12	12	14	6	12	10
9	19	16	14	15	15	15	12	15	16	16	14	12	11	10	9	12	12	12	8	7	7	9	8	10	12
10	14	15	15	9	9	11	13	12	9	....	12	4	5	5	5	11	12	15	12	12	13	5	6	6	10
11	7	7	8	8	7	10	12	13	13	11	9	9	10	9	9	10	8	8	7	8	11	11	12	12	10
12	11	11	10	10	11	10	10	9	9	5	5	4	3	3	....	2	3	4	3	3	4	5	3	6	6
13	3	4	7	9	13	15	19	23	25	22	17	14	13	11	13	11	12	11	10	8	8	7	11	13	12
14	12	9	9	10	10	13	15	16	17	16	14	12	....	5	5	3	3	3	3	4	4	3	3	9	2
15	2	1	2	2	2	2	2	3	2	3	3	2	2	3	3	3	0	2	3	4	3	2	4	2	4
16	3	0	....	....	....	....	4	6	12	10	9	8	7	8	8	8	8	8	8	7	8	8	10	10	8
17	9	7	8	4	5	6	12	11	11	9	8	9	7	6	9	9	8	6	4	4	3	5	4	4	3
18	2	2	2	2	2	3	3	4	4	4	4	2	3	2	2	3	2	3	4	3	0	0	0	0	1
19	3	3	3	2	2	2	2	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	7
20	1	2	2	4	5	6	16	15	15	10	9	8	9	9	10	8	8	7	4	4	5	6	7	7	7
21	7	12	12	15	17	12	17	24	20	16	15	14	9	9	9	7	6	6	5	6	3	3	3	3	10
22	3	3	2	1	3	3	5	5	3	5	3	3	4	8	12	11	13	13	14	9	6	8	6	3	6
23	1	1	0	1	1	2	3	6	4	3	2	2	2	1	2	2	1	2	3	4	3	0	0	2	2
24	0	0	0	0	0	0	0	2	3	3	3	3	2	2	2	2	2	1	1	2	3	4	4	3	2
25	3	3	2	3	3	4	4	5	4	4	3	3	3	3	3	3	3	3	3	3	2	2	3	3	2
26	2	2	2	2	1	1	2	2	2	2	2	2	3	4	4	3	3	5	4	4	3	4	5	3	4
27	3	3	2	2	2	2	3	3	6	5	4	3	4	4	3	3	5	5	4	4	3	4	5	3	4
28	2	1	2	4	6	9	9	13	13	10	8	8	5	5	5	6	7	7	9	9	11	11	10	9	7
29	12	9	5	3	1	0	2	3	2	3	2	2	2	0	1	2	1	3	2	2	3	3	3	4	3
30	3	3	4	4	3	3	4	6	8	6	7	7	3	1	2	2	2	3	3	4	6	6	6	7	4
31	5	5	4	5	6	7	8	....	....	14	14	10	10	-	-	11	11	10	7	7	5	-	2	4	8
MEAN	5	5	5	5	5	5	6	8	8	7	7	6	5	4	4	5	5	5	5	5	5	5	5	5	5.4

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - APR 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	6	9	9	13	10	10	9	4	4	3	2	3	2	1	0	1	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	1	2	2	2	3	1	1	1	0	1	2	1	3	2	3	5	6	2
3	5	5	2	2	2	2	4	7	6	7	6	6	6	5	6	6	6	6	6	5	4	5	4	2	10
4	5	5	5	6	6	9	8	12	15	13	12	8	9	10	10	12	18	17	13	13	11	7	4	2	2
5	2	1	2	1	0	0	1	2	3	1	2	1	1	1	1	2	2	0	3	3	3	4	3	5	7
6	8	9	10	12	13	14	14	10	7	5	5	5	4	6	5	5	4	3	3	4	0	0	0	0	2
7	5	6	6	4	3	2	3	4	4	3	2	3	3	2	0	2	0	0	2	0	1	2	2	2	1
8	0	1	0	0	0	0	0	0	1	1	2	2	1	2	0	0	0	0	0	3	3	4	4	-	2
9	2	1	1	0	1	2	2	3	2	2	2	2	0	0	0	0	0	0	0	3	3	4	4	-	2
10	4	6	5	5	6	5	8	7	7	7	8	....	....	6	6	5	7	6	5	4	4	3	5	4	8
11	5	5	-	8	5	7	15	14	-	6	-	19	11	2	3	0	2	4	3	3	2	....	3	4	6
12	-	3	0	1	0	1	4	3	3	3	-	3	6	8	....	10	13	8	7	3	4	4	7	5	5
13	9	9	4	4	3	4	5	3	2	1	0	1	2	1	2	2	1	1	1	0	0	0	0	0	2
14	0	0	2	0	0	0	2	2	2	1	0	0	1	0	0	2	1	1	0	2	1	0	1	2	1
15	3	2	3	2	2	1	2	2	0	0	0	1	1	0	0	....	0	1	0	2	2	1	2	2	1
16	2	3	2	2	2	2	2	2	0	0	0	0	0	0	3	3	-	1	2	2	1	2	3	3	2
17	1	....	-	1	-	....	4	4	3	3	2	3	-	3	3	7	-	....	5	3	2	....	3	3	6
18	3	6	4	5	4	14	15	-	6	6	6	....	....	....	....	8	12	1	0	2	3	3	4	5	6
19	5	6	5	5	4	4	5	7	8	8	8	7	6	7	7	7	6	6	4	4	4	4	4	5	6
20	4	2	2	0	0	2	3	3	3	3	3	3	2	2	2	2	3	3	2	2	3	3	3	2	2
21	2	1	1	1	0	0	1	2	2	1	1	1	1	1	0	0	1	0	2	3	2	2	3	2	1
22	0	1	1	2	2	2	....	....	2	2	0	1	1	0	0	0	0	0	2	2	2	3	4	7	5
23	4	6	5	3	4	4	7	4	2	0	0	2	3	3	3	2	2	3	4	5	6	11	10	9	4
24	9	7	7	6	4	4	5	5	9	9	7	8	5	2	1	2	0	1	0	3	4	4	3	3	5
25	3	2	2	2	2	2	2	2	4	4	3	7	7	4	5	7	6	7	7	5	8	10	7	5	5
26	4	2	3	....	1	-	2	3	2	....	-	3	2	3	0	....	0	0	2	3	2	1	0	2	2
27	3	3	3	-	2	2	2	2	0	2	2	2	1	2	0	0	1	-	3	0	3	5	3	2	2
28	2	2	1	2	1	2	2	3	3	3	2	....	0	....	0	0	-	-	0	0	2	2	0	0	2
29	2	3	5	2	1	2	2	3	3	3	2	....	0	0	0	0	-	-	0	0	2	2	0	0	2
30	0	0	0	0	0	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MEAN	3	4	3	3	3	4	5	4	4	4	4	3	4	3	2	3	3	3	3	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT												
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - MAY 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	1	0	0	1	0	2	2	2	2	0	1	1	0	1	0	1	0	2	2	2	2	2	2	2			
2	3	3	2	0	2	3	2	0	1	2	0	0	3	***	0	1	0	0	0	1	3	2	3	2	1			
3	2	3	2	2	2	3	3	4	3	2	2	2	2	1	***	***	0	0	0	0	2	2	3	3	2			
4	2	4	6	10	12	10	13	9	6	5	6	6	6	6	6	5	5	4	4	5	5	5	5	3	6			
5	3	2	3	3	4	9	9	8	9	9	7	7	8	8	8	8	6	7	6	5	5	4	4	3	6			
6	3	3	3	4	3	2	3	4	5	4	6	3	2	2	2	4	6	7	9	9	4	3	2	3	4			
7	4	4	3	2	3	6	2	2	2	3	3	3	3	3	3	2	2	2	0	0	3	7	6	5	3			
8	4	4	5	6	5	7	9	12	11	11	10	11	13	13	9	12	12	8	6	7	7	7	8	5	8			
9	5	5	10	8	10	15	13	20	18	14	13	9	0	3	0	0	2	-	2	3	4	2	2	0	7			
10	0	0	0	0	0	1	2	-	***	0	0	0	2	2	1	2	3	0	0	0	1	4	8	7	9			
11	10	9	11	15	19	23	20	14	10	9	9	10	10	11	12	11	-	8	7	8	8	6	10	16	12			
12	13	14	11	13	12	16	15	18	19	19	16	16	15	12	12	8	7	8	7	6	5	5	4	4	11			
13	6	6	7	6	8	7	6	8	6	7	6	4	3	4	4	3	4	6	5	7	6	5	3	2	5			
14	2	2	1	2	1	1	2	1	2	3	2	2	2	0	1	0	3	0	2	0	0	2	2	2	1			
15	2	2	2	1	3	5	6	5	6	6	5	5	5	5	5	6	6	5	5	4	4	4	7	4	5			
16	2	3	3	3	4	8	10	8	8	9	7	7	7	7	8	8	7	6	1	3	6	6	2	0	6			
17	1	2	2	0	2	2	7	11	11	3	9	9	8	7	7	7	8	5	3	4	4	6	5	7	5			
18	4	4	8	7	8	8	9	6	5	4	2	6	15	15	14	11	12	9	15	12	14	14	7	5	9			
19	9	15	9	7	8	19	21	19	18	19	15	15	14	13	11	5	3	1	0	1	3	9	9	5	10			
20	5	3	2	4	4	5	5	8	8	8	10	8	8	6	4	4	0	0	2	3	3	4	4	3	5			
21	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2	0			
22	2	3	3	3	2	2	2	2	1	0	2	2	2	2	2	2	3	3	3	3	5	7	4	2	3			
23	2	2	1	2	3	7	11	11	11	10	8	8	10	11	10	10	13	11	9	9	10	7	8	8	8			
24	7	7	6	7	15	21	16	17	12	13	11	***	11	9	8	9	16	10	9	6	5	5	2	2	10			
25	3	3	5	6	5	7	8	9	7	5	6	5	5	5	4	5	3	2	2	0	3	4	4	5	5			
26	7	10	8	7	6	8	11	8	6	7	8	6	7	8	6	10	14	12	9	10	11	11	10	14	10			
27	16	15	14	15	13	13	17	16	17	-	13	12	9	8	6	4	4	4	6	6	6	6	7	6	10			
28	8	7	8	8	9	11	11	9	8	9	7	7	7	6	5	3	3	2	2	2	4	7	8	8	7			
29	7	6	7	9	18	17	20	23	17	17	18	16	14	14	10	12	9	6	7	14	9	9	10	8	12			
30	10	38	***	9	5	18	17	17	18	10	18	24	12	6	9	12	17	18	***	***	***	***	***	***	15			
31	- DATA INVALID -																											
MEAN	5	6	5	5	6	8	9	9	9	7	7	7	7	6	6	6	6	5	4	5	5	5	5	5	6.2			

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - JUN 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	12	11	8	7	7	9	6	7	7	*****
2	9	9	8	9	14	18	15	9	9	8	0	3	2	2	3	3	3	2	0	2	0	2	3	2	0	6
3	0	0	0	0	0	0	0	2	1	1	2	0	1	0	0	0	0	0	0	3	1	0	1	0	0	1
4	3	2	3	4	2	2	2	2	1	2	2	2	3	2	2	2	2	3	3	3	5	6	7	6	6	3
5	5	4	5	0	2	2	3	2	2	2	2	2	0	1	2	1	1	0	0	0	3	4	4	7	2	2
6	6	6	5	10	6	10	11	13	11	9	10	10	9	8	-	-	5	5	4	4	6	9	7	7	8	8
7	7	9	10	12	17	20	16	16	19	16	15	15	***	7	17	15	13	12	11	10	11	13	14	11	13	13
8	10	11	8	9	12	18	15	13	10	3	3	3	3	2	2	2	2	1	0	0	2	2	2	1	6	6
9	2	2	0	0	0	1	3	3	2	2	2	0	2	2	2	2	1	1	0	0	2	0	1	2	1	1
10	2	2	3	4	5	4	4	5	5	3	3	5	3	3	4	3	3	3	4	4	4	5	7	5	5	4
11	5	3	3	3	4	4	4	4	5	5	4	4	3	3	3	3	3	2	2	3	4	8	8	7	4	4
12	6	7	7	9	11	15	17	17	15	12	12	-	***	4	8	8	8	6	4	6	2	0	0	0	0	8
13	0	0	0	0	0	0	0	2	2	1	2	2	1	2	3	2	0	0	0	0	0	0	0	0	1	1
14	0	0	0	0	0	4	3	2	2	1	1	2	0	0	1	0	0	0	0	0	0	2	2	1	1	1
15	1	1	0	0	2	3	4	4	2	2	1	0	2	1	2	2	2	3	2	3	3	8	7	11	3	3
16	9	11	10	12	14	14	13	15	11	11	11	9	10	8	10	10	9	7	7	7	9	8	8	8	10	10
17	***	***	9	9	8	10	10	8	8	9	9	10	8	7	7	7	7	6	7	5	6	5	6	6	8	8
18	5	4	5	4	2	0	2	2	3	4	2	2	1	0	0	0	0	0	0	0	0	0	2	2	2	2
19	2	2	2	2	4	7	5	6	5	3	2	2	2	2	0	1	1	1	0	0	0	0	1	2	5	2
20	6	3	3	3	6	5	8	7	4	2	2	***	***	12	12	11	10	9	7	9	8	9	8	11	7	7
21	12	10	6	5	6	18	15	16	17	22	21	16	11	9	4	3	3	2	0	0	0	2	2	2	8	8
22	3	1	0	0	0	2	3	2	2	0	0	2	0	0	2	0	2	1	0	0	3	7	6	2	2	2
23	3	1	2	0	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
24	0	0	0	0	0	2	2	2	2	2	2	1	3	2	2	2	2	2	2	2	3	5	6	4	5	2
25	5	4	5	4	5	6	6	7	5	5	5	4	3	2	2	3	4	3	3	3	5	7	9	8	5	5
26	8	8	9	11	11	17	15	19	18	16	13	13	14	9	11	10	9	7	8	9	7	4	5	6	11	11
27	3	3	6	5	8	13	10	9	8	6	13	14	***	12	2	2	2	2	1	0	1	0	0	0	5	5
28	0	0	0	0	0	2	3	3	3	2	7	2	0	2	1	1	1	0	0	0	2	2	2	3	2	2
29	3	2	2	2	2	2	3	3	3	2	2	2	1	2	1	2	2	0	2	0	0	1	1	1	2	2
30	2	1	1	1	0	0	2	2	2	1	2	2	6	0	0	0	0	0	0	0	0	0	0	0	1	1
MEAN		4	4	4	4	5	7	7	7	6	5	5	5	4	4	4	4	3	3	3	3	3	4	4	4	4.3
PERCENTAGE OF DATA VALID - 96.5		PERCENTAGE OF DATA INVALID - 3.1														PERCENTAGE OF DATA UNAVAILABLE - 0.4										

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT												
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - SEP 78												
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		9	6	7	4	2	3	3	3	3	2	2	3	1	4	9	9	9	7	8	9	9	11	9	6	6
2		6	6	5	7	6	8	8	6	7	3	6	6	5	4	4	4	3	4	5	6	3	3	3	4	5
3		4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	0	0	0	0	0	0	0	0	0	2
4		0	0	0	0	0	0	1	2	1	0	0	0	0	0	2	3	3	4	2	0	0	2	3	1	1
5		6	7	8	6	5	6	7	6	4	6	5	5	2	2	2	12	10	9	10	10	10	10	10	8	7
6		8	10	11	12	13	17	19	18	15	13	5	3	3	2	3	3	5	4	7	8	7	3	2	2	8
7		2	2	2	2	2	2	4	3	2	0	0	2	0	2	3	4	8	7	5	5	6	5	4	4	3
8		6	2	3	4	7	10	12	12	10	11	10	9	10	13	13	10	9	3	4	4	5	4	4	2	7
9		2	3	3	1	0	0	0	0	0	0	0	0	1	0	2	2	3	2	3	5	6	6	3	1	2
10		1	0	0	0	0	0	0	0	0	1	2	2	3	2	2	4	3	5	3	6	7	9	9	8	3
11		8	12	8	9	14	14	12	28	22	16	10	11	18	13	7	5	4	3	3	4	6	7	3	6	10
12		3	3	2	0	0	0	0	0	2	1	2	3	5	2	***	1	1	4	4	3	4	3	3	2	2
13		1	1	1	2	3	7	7	8	8	5	5	5	5	5	5	4	6	4	4	3	3	3	3	3	4
14		1	2	2	3	5	9	10	11	11	10	9	-	11	12	12	11	10	-	-	-	-	4	6	6	8
15		5	6	4	0	2	3	7	-	***	2	3	2	4	2	0	2	2	3	6	4	5	3	4	2	3
16		2	2	2	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	2	1	
17		2	2	2	2	2	2	2	2	3	2	3	2	3	2	2	1	2	2	3	2	2	3	4	2	2
18		2	2	2	3	4	6	9	9	12	10	10	7	9	10	12	7	9	6	3	2	1	0	0	0	6
19		1	0	0	1	0	2	4	4	3	4	8	8	10	10	11	10	11	9	9	9	11	12	10	8	6
20		8	8	8	9	10	16	15	16	16	16	15	14	0	13	13	15	18	15	12	11	9	9	12	14	12
21		13	13	13	17	17	16	20	15	7	3	2	2	2	3	2	2	2	2	2	1	1	0	1	0	7
22		0	0	0	0	0	2	4	2	2	2	2	1	1	1	0	1	2	2	3	2	0	0	1	1	1
23		2	3	2	3	3	3	4	6	7	3	4	4	3	3	3	3	3	4	5	6	7	8	8	10	4
24		11	8	6	5	5	6	8	8	3	4	3	3	3	2	2	2	2	3	3	4	4	4	3	3	4
25		2	1	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	***	2	0	2	2	1
26		2	6	0	2	7	13	18	18	13	***	***	***	***	5	9	8	9	8	7	7	7	8	9	6	8
27		5	6	8	9	7	11	13	16	13	14	10	13	12	11	12	14	15	5	5	4	0	0	0	8	
28		0	0	0	0	0	0	4	3	3	3	0	0	0	2	0	1	0	1	2	5	4	4	5	8	2
29		8	9	6	5	6	13	28	22	20	15	10	10	9	9	9	10	8	7	7	5	5	4	5	8	10
30		9	8	10	10	9	11	12	11	5	5	6	6	6	6	7	6	7	8	8	4	5	4	2	2	7
MEAN		4	4	4	4	4	6	8	8	7	5	5	5	4	5	5	5	6	5	5	5	4	4	4	4	5.0

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT												
		STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - OCT 78												
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		2	3	2	2	3	3	3	2	2	2	0	2	0	1	0	0	0	1	2	2	2	2	2	3	2
2		3	2	3	4	3	5	8	7	5	2	0	2	2	2	4	6	11	15	10	12	14	13	13	15	7
3		17	16	14	14	15	15	13	11	12	9	***	***	10	11	11	12	9	9	6	7	7	7	8	6	11
4		3	2	3	6	9	11	11	16	11	8	9	8	10	10	11	9	6	9	12	15	14	7	6	7	9
5		8	9	14	12	10	18	19	24	15	10	11	9	10	10	11	11	11	8	7	5	7	0	4	6	10
6		7	8	4	9	6	7	8	10	11	10	10	***	7	3	3	3	3	4	3	3	2	0	0	0	5
7		0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8		0	0	0	0	0	0	1	0	2	2	0	1	0	0	0	0	1	0	0	2	2	2	2	3	1
9		2	4	2	3	8	11	12	5	***	***	***	***	2	0	0	0	1	1	2	3	2	3	5	3	3
10		4	4	3	4	4	6	9	9	7	5	4	6	4	3	4	4	***	15	10	7	6	10	10	6	
11		12	12	14	18	17	22	20	26	28	22	18	14	13	13	11	11	12	14	14	12	9	7	6	6	15
12		4	5	4	5	8	11	13	16	13	6	8	6	6	***	5	3	5	7	3	3	3	4	7	6	6
13		9	8	7	4	3	2	4	3	3	2	0	0	0	1	1	0	0	2	0	0	1	0	0	0	2
14		0	0	0	0	0	1	0	2	2	2	2	2	2	2	2	1	0	0	0	0	0	1	2	3	1
15		2	2	1	1	2	3	2	2	2	2	2	3	2	2	3	3	3	3	5	6	6	5	4	2	3
16		0	0	0	0	0	4	3	5	8	6	6	6	4	5	8	8	6	8	9	8	8	7	7	7	5
17		9	6	4	4	4	5	14	7	10	11	7	6	9	8	9	9	7	9	8	10	9	9	9	9	8
18		6	9	11	13	14	15	13	14	12	13	10	13	13	10	7	7	7	8	7	6	7	7	8	10	6
19		5	2	2	2	2	4	7	11	11	6	3	3	3	5	11	15	18	13	4	4	4	2	1	1	6
20		2	2	3	5	5	8	11	14	10	***	4	6	12	12	11	11	10	12	13	12	11	6	8	8	9
21		6	8	6	7	6	9	9	12	13	10	9	9	6	8	7	6	6	5	5	5	5	7	7	5	7
22		6	7	5	5	***	***	5	5	5	7	7	7	8	8	7	7	5	5	6	5	6	7	6	6	6
23		3	3	2	2	2	1	1	1	0	0	0	5	***	0	0	0	0	0	0	0	0	3	3	4	1
24		9	6	5	9	11	17	23	23	15	11	9	10	10	8	9	9	8	6	6	7	7	5	7	8	10
25		9	8	8	10	11	15	21	17	15	15	13	13	11	9	9	10	10	6	6	5	4	4	4	4	10
26		4	5	7	8	8	6	2	3	3	3	3	3	2	2	2	2	2	2	2	3	2	3	3	2	3
27		0	0	0	0	3	2	5	7	8	9	6	5	14	15	13	14	5	6	11	7	7	5	8	4	6
28		5	4	4	4	6	6	7	6	5	4	2	0	0	0	0	2	0	0	2	1	0	1	2	1	3
29		3	2	4	3	3	3	2	3	4	3	2	3	3	3	2	2	3	6	11	12	13	19	14	10	6
30		10	10	12	4	***	12	***	14	17	12	12	10	8	10	10	14	13	14	19	19	16	10	9	10	12
31		8	7	6	7	10	15	16	25	21	21	12	8	7	4	5	3	3	2	1	0	1	0	1	2	8
MEAN		5	5	5	5	6	8	9	10	9	7	6	6	6	6	6	6	6	6	6	6	6	5	5	5	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - NOV 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	5	3	5	9	12	14	7	13	11	8	7	9	10	13	11	15	13	9	8	7	8
2	6	5	6	7	8	14	13	14	11	11	10	6	7	5	5	5	8	8	8	10	10	8	9	10	9
3	11	15	15	18	22	23	25	27	36	28	21	14	18	21	22	24	21	19	18	16	20	22	22	15	21
4	14	15	19	18	28	20	19	28	28	23	21	15	16	14	15	16	18	17	19	23	23	25	24	20	21
5	20	21	24	23	22	20	17	14	16	19	14	12	13	10	10	10	10	12	15	15	13	10	11	12	15
6	7	8	10	9	9	14	13	18	8	6	5	3	3	2	2	3	2	3	1	0	2	3	3	2	6
7	2	1	0	0	0	1	3	2	3	4	3	***	0	1	0	0	1	4	4	0	2	2	5	5	2
8	7	6	3	10	2	4	9	13	13	11	11	13	11	8	8	9	10	10	6	7	5	4	5	6	8
9	5	4	4	5	7	10	15	14	10	7	5	5	5	7	13	12	11	16	19	16	13	12	9	10	10
10	9	9	9	11	10	7	9	19	21	16	14	14	6	11	12	12	11	9	8	8	10	11	12	11	11
11	11	10	9	8	11	11	11	8	8	7	6	5	7	6	6	5	7	6	4	2	2	0	0	0	6
12	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	2	3	2	3	3	3	2	2	2	1
13	2	0	0	3	7	0	2	8	12	10	13	12	10	10	11	12	13	11	11	8	9	8	7	8	8
14	7	8	8	10	10	11	4	5	5	4	2	2	1	1	0	1	0	0	0	0	1	2	1	4	4
15	1	2	2	2	1	2	3	4	4	3	2	2	2	2	2	2	4	6	8	8	6	11	17	17	5
16	14	10	7	5	3	2	5	13	10	9	9	7	***	7	8	7	9	11	12	11	12	13	5	4	6
17	3	3	2	3	3	4	6	9	9	9	10	8	9	8	9	8	6	5	4	4	2	0	0	0	1
18	1	0	0	0	0	0	0	0	0	1	2	1	1	2	0	0	2	3	3	3	3	3	3	3	1
19	3	3	2	2	2	3	2	0	1	1	1	1	2	0	0	0	0	0	0	0	1	1	0	0	1
20	0	0	0	0	0	2	4	4	0	0	6	2	2	***	2	2	2	3	5	0	0	3	8	2	2
21	2	3	8	0	0	0	2	4	3	3	4	5	6	7	5	11	10	10	12	13	12	9	7	7	6
22	8	7	9	8	4	4	6	7	14	17	8	9	8	9	10	10	10	8	5	5	5	5	6	5	8
23	5	5	5	4	4	6	9	12	11	12	11	9	9	11	10	10	7	6	5	4	3	4	4	4	7
24	3	2	2	2	2	4	5	5	4	5	3	2	1	***	2	3	3	3	0	0	0	0	0	0	2
25	0	0	0	0	0	0	1	2	1	2	3	2	3	1	0	0	0	1	2	8	4	0	0	3	6
26	0	0	0	1	7	0	5	5	0	0	2	1	2	0	0	0	3	5	4	3	8	0	0	3	2
27	3	6	4	8	0	3	7	7	6	11	7	3	4	5	6	10	6	3	2	3	3	3	3	3	5
28	3	3	3	4	3	4	10	4	6	6	8	7	5	6	11	10	7	8	4	4	4	11	5	6	8
29	2	3	7	9	1	5	9	13	13	14	11	12	9	***	10	10	8	8	7	7	6	6	5	8	8
30	4	4	4	4	4	3	2	2	4	1	2	2	2	2	1	2	2	3	9	5	0	3	5	5	3
MEAN	5	5	6	6	6	6	7	9	9	8	7	7	6	6	7	7	7	7	7	7	6	6	7	6	6.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - DEC 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	4	6	8	5	9	10	9	14	9	15	18	17	10	8	7	7	6	4	4	3	8
2	1	0	2	2	2	6	6	0	0	5	3	2	2	2	1	2	2	3	3	5	5	5	5	4	3
3	3	6	6	3	0	0	0	2	3	2	3	3	1	3	4	6	8	8	7	7	7	7	8	9	4
4	6	9	10	6	3	4	3	2	4	4	2	2	2	2	4	10	3	0	6	5	0	2	3	6	4
5	0	2	2	2	2	2	3	10	9	4	3	4	5	6	3	7	8	9	5	8	5	5	4	3	5
6	4	5	5	5	7	7	8	13	11	8	7	5	3	3	3	4	5	6	4	3	2	3	7	3	5
7	0	0	0	2	3	4	13	10	13	12	12	11	10	8	8	7	8	6	7	7	8	10	11	7	6
8	10	12	12	11	9	13	11	9	8	7	6	2	2	2	2	4	4	8	0	7	6	0	0	1	6
9	2	2	7	2	***	0	5	0	5	0	0	0	0	2	2	2	4	6	4	3	3	2	2	0	2
10	0	0	1	3	0	0	2	2	0	0	0	0	0	3	4	0	3	4	3	3	3	3	2	5	2
11	1	4	5	4	4	3	4	6	6	0	4	8	6	7	9	10	12	16	10	10	11	12	10	8	7
12	6	12	4	2	3	4	6	5	5	7	4	***	1	5	6	10	10	9	8	6	6	7	7	7	6
13	6	6	7	7	5	6	6	7	10	1	3	2	4	4	2	2	3	3	8	0	0	0	0	0	4
14	0	0	0	0	0	0	2	6	6	0	2	2	3	4	9	2	5	5	-	-	-	-	-	-	3
15	-	-	-	-	-	-	-	-	-	6	5	4	3	3	5	6	11	10	8	11	9	2	4	3	*****
16	5	8	0	5	9	3	15	13	5	6	8	7	9	9	8	11	13	6	9	11	10	9	8	7	8
17	4	6	7	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	1	0	0	3	2	2
18	2	0	0	0	3	0	0	5	13	12	0	0	2	0	0	0	3	3	3	2	3	2	3	2	2
19	3	2	0	3	1	0	2	3	4	0	0	0	0	0	4	4	4	4	3	3	2	3	2	3	2
20	1	4	4	4	7	6	7	2	13	12	6	2	4	7	7	7	5	4	4	4	5	7	9	6	6
21	6	3	3	9	0	0	1	2	2	2	8	4	0	0	0	2	4	9	4	0	2	4	4	3	3
22	3	3	3	2	5	4	3	12	12	6	10	8	8	8	7	4	4	4	4	4	4	2	2	2	5
23	1	1	1	2	1	1	1	3	2	2	2	3	2	2	2	2	3	6	8	14	16	17	29	18	6
24	22	24	21	13	11	5	8	0	2	4	4	5	6	5	5	6	8	5	5	5	5	5	4	4	8
25	4	4	3	2	0	3	0	2	2	2	2	3	5	4	4	3	3	4	3	3	4	3	3	3	2
26	4	0	0	0	0	0	2	4	6	0	0	2	2	2	0	3	4	3	3	4	3	3	3	3	2
27	3	4	6	4	3	2	2	4	6	0	0	0	0	2	2	5	6	6	5	4	6	4	7	6	4
28	5	4	3	2	3	2	5	7	7	8	9	-	-	-	4	6	6	6	5	8	9	6	0	3	5
29	7	5	0	0	1	6	7	0	0	3	4	3	4	4	4	5	7	8	10	12	12	14	14	14	6
30	10	12	10	11	15	8	8	10	9	10	12	10	9	8	8	7	8	15	5	3	7	15	6	-	9
MEAN	4	5	4	4	4	3	5	5	6	4	4	4	4	4	4	5	6	6	5	6	6	5	5	5	4.7

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.1	9	18
FEB	28	4.0	10	16
MAR	31	5.4	12	25
APR	30	3.3	10	19
MAY	30	6.2	15	38
JUN	29	4.3	13	22
JUL	31	5.2	12	21
AUG	31	5.9	13	23
SEP	30	5.0	12	28
OCT	31	6.2	15	28
NOV	30	6.7	21	36
DEC	30	4.7	9	29
YEAR	362	5.1	21	38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	462	217	42	3	0	0	0	724
FEB	430	192	35	1	0	0	0	658
MAR	408	220	85	14	4	0	0	731
APR	496	157	21	3	0	0	0	677
MAY	309	275	78	36	5	1	0	704
JUN	447	172	55	19	2	0	0	695
JUL	378	260	77	20	1	0	0	736
AUG	329	273	98	25	4	0	0	729
SEP	409	213	64	18	4	0	0	708
OCT	325	265	108	19	11	0	0	728
NOV	322	239	97	29	27	1	0	715
DEC	415	250	46	6	4	0	0	721
YEAR	4730	2733	806	193	62	2	0	8526

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.3	0	0.0	1.7	3.4	6.2	10.8	13.3	16.5	18.8	38	5.1

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - APR 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19	2	4	3	2	2	2	2	3	6	5	4	3	5	3	3	3	3	3	2	3	3	2	2	2	3
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	2	4	3	2	2	2	2	3	6	5	4	3	5	3	3	3	3	3	2	3	3	2	2	2	3.0

PERCENTAGE OF DATA VALID - 3.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 96.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - MAY 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	5	4	4	0	3	0	0	0	1	1	0	1	1	0	0	0	0	0	0	6	2	2	2
2	0	3	2	2	3	2	3	1	0	2	2	2	2	0	2	2	0	2	0	0	2	3	3	1	2
3	0	2	2	2	3	5	5	4	6	5	1	0	***	***	***	***	2	2	0	0	0	2	5	0	3
4	3	3	4	6	7	10	11	4	2	3	3	1	0	1	2	2	1	0	0	2	2	2	4	3	3
5	1	1	2	2	3	3	3	5	4	3	3	3	4	3	3	4	4	3	4	4	3	4	3	2	3
6	3	2	1	2	3	2	3	3	3	3	3	5	5	4	4	4	4	4	5	2	2	3	4	3	3
7	2	2	3	2	2	3	3	3	4	0	3	0	2	5	0	5	0	6	3	4	3	5	3	3	5
8	3	3	2	2	3	3	4	5	6	6	6	6	7	7	5	7	6	5	4	3	4	4	5	5	5
9	4	5	7	6	7	7	7	4	8	5	0	2	0	2	5	2	1	1	0	0	0	0	0	0	3
10	0	1	4	3	4	4	3	***	***	2	1	0	0	0	0	0	1	1	2	0	1	1	1	1	1
11	2	4	2	2	1	3	6	4	6	4	0	7	3	5	6	5	***	3	3	5	4	3	3	3	4
12	2	2	2	2	0	2	***	11	11	7	3	6	3	2	***	***	***	***	***	***	***	***	***	***	***
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	***	***	***	***	***	8	6	2	7	1	4	6	6	6	7	8	5	4	7	5	8	11	12	9	6
19	11	13	11	8	10	9	10	10	7	7	11	9	8	0	0	1	1	0	0	6	5	4	3	4	6
20	3	4	4	5	4	6	7	7	6	6	3	3	3	5	4	3	0	1	2	2	2	0	2	1	3
21	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	3	2	0	0
22	2	0	0	0	2	2	2	0	1	1	2	0	0	1	2	3	3	5	5	7	11	3	3	2	3
23	3	4	3	3	3	7	11	12	7	5	3	1	3	4	3	2	0	0	0	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	***	4	4	4	4	6	7	4	4	5	12	11	12	14	4
27	11	10	10	10	8	7	6	12	9	9	7	7	6	6	4	5	4	4	6	7	5	4	7	7	7
28	8	7	7	7	7	8	10	7	6	2	3	4	2	2	0	***	***	***	***	***	4	4	2	4	5
29	7	9	10	10	10	11	12	10	9	9	10	9	6	3	3	2	3	3	4	7	5	6	6	7	7
30	12	9	9	9	8	10	10	13	9	12	10	9	9	9	8	6	6	4	4	4	7	6	4	10	8
31	9	9	7	7	7	6	6	2	2	3	4	4	2	1	1	0	0	0	0	2	2	0	1	0	3
MEAN	4	4	4	4	4	5	5	5	5	4	3	4	3	3	3	3	2	2	2	3	3	4	3	3	3.5

PERCENTAGE OF DATA VALID - 79.7 PERCENTAGE OF DATA INVALID - 19.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT													
		STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - JUN 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	0	0	2	2	3	2	3	5	6	6	4	2	2	3	4	5	4	5	4	3
2	6	3	3	4	5	8	11	2	3	2	2	2	3	0	0	0	2	3	2	0	1	3	2	0	3
3	0	0	0	0	0	2	0	1	2	3	2	1	0	0	0	0	2	0	2	0	0	0	0	3	1
4	3	3	2	2	2	2	4	4	3	3	3	1	0	3	1	4	3	4	4	2	1	4	4	3	3
5	4	3	2	2	0	2	2	1	2	1	2	0	1	2	0	0	2	0	0	1	1	8	7	6	2
6	6	9	7	8	8	12	10	7	5	7	7	4	2	1	1	3	2	0	0	3	3	7	8	5	5
7	6	7	7	8	7	9	10	12	12	10	10	11	7	7	10	8	8	7	7	5	7	7	6	7	8
8	5	5	5	5	7	9	8	6	4	3	2	3	4	2	0	0	0	2	0	0	0	0	1	1	3
9	0	0	0	2	0	2	3	3	3	2	2	0	0	0	0	0	2	0	0	0	0	0	4	2	1
10	3	3	5	3	3	4	2	3	3	4	4	2	0	2	3	2	3	4	2	2	4	4	2	3	3
11	5	4	4	5	3	4	4	4	4	3	1	2	2	2	2	2	2	2	2	0	1	4	4	4	3
12	2	4	3	2	2	3	4	6	3	3	3	2	2	2	3	2	2	2	1	1	0	0	0	0	2
13	0	0	0	0	0	0	1	0	0	2	1	2	0	1	2	1	0	2	0	0	0	0	2	1	1
14	1	0	1	2	1	1	0	0	0	0	0	0	2	0	0	2	2	2	0	0	0	2	2	1	1
15	2	3	2	3	4	5	3	4	4	3	2	0	0	0	2	2	3	3	3	3	5	5	6	4	3
16	4	4	7	7	3	5	9	9	6	7	7	7	6	5	6	7	7	4	4	6	5	5	5	4	6
17	****	****	5	5	4	4	6	5	6	8	6	6	6	6	6	2	5	5	4	4	4	4	6	5	5
18	3	5	3	3	0	0	1	3	0	2	1	1	0	0	0	0	0	0	2	2	0	2	2	1	1
19	2	1	3	2	5	4	8	5	4	3	3	3	3	0	0	3	0	0	0	0	2	12	9	7	3
20	4	5	5	6	7	7	10	14	10	2	2	5	6	5	5	5	4	4	4	6	5	7	7	6	6
21	11	11	10	11	13	15	14	9	7	13	12	8	8	1	1	2	2	0	3	2	0	3	3	3	7
22	0	3	3	2	2	4	2	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	3	4	3	3	0	0	1	3	3	1
27	4	3	3	3	3	4	2	3	4	4	3	2	3	2	3	2	7	0	0	0	0	2	2	2	3
28	0	0	0	0	2	2	5	4	2	1	0	2	2	0	4	2	0	0	0	0	4	5	2	2	2
29	4	3	2	2	2	5	3	4	0	1	3	2	3	0	0	0	0	0	0	0	0	0	2	4	2
30	2	2	2	2	2	2	2	2	1	1	2	2	1	1	2	2	0	0	0	0	2	2	2	2	2
MEAN	3	3	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	2	1	1	2	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT													
		STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - JUL 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	3	3	0	0	2	2	1	1	0	0	1	1	1	1	0	0	4	4	1	1	2	2	1
2	6	6	2	2	0	0	1	1	0	0	1	1	1	1	3	3	1	1	1	1	0	0	2	2	2
3	0	0	0	0	2	2	2	2	0	0	5	5	0	0	1	1	2	2	2	2	1	1	2	2	1
4	0	0	4	4	0	0	1	1	1	1	0	0	2	2	2	2	2	2	1	1	3	3	6	6	2
5	1	1	6	6	2	2	6	6	2	2	1	1	1	1	3	3	7	7	2	2	2	2	4	4	2
6	2	2	1	1	2	2	3	3	0	0	2	2	0	0	6	6	0	0	2	2	0	0	2	2	2
7	4	4	2	2	4	4	5	5	4	4	3	3	4	4	2	2	2	2	2	2	2	2	3	3	3
8	4	4	2	2	2	2	2	2	4	4	2	2	0	0	2	2	1	1	1	1	2	2	1	1	2
9	0	0	0	0	2	2	2	2	0	0	1	1	2	2	2	2	0	0	0	0	0	0	2	2	1
10	1	1	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	3	3	1	1	2	2	0	0	1
12	0	0	2	2	0	0	3	3	0	0	0	0	0	0	2	2	0	0	0	0	3	3	6	6	1
13	2	2	0	0	2	2	4	4	4	4	3	3	4	4	3	3	0	0	3	3	2	2	3	3	3
14	6	6	2	2	4	4	2	2	1	1	3	3	3	3	2	2	4	4	1	1	0	0	2	2	3
15	0	0	0	0	0	0	3	3	0	0	0	0	0	0	2	2	2	2	2	2	2	0	0	0	1
16	1	1	0	0	1	1	2	2	0	0	0	0	3	3	3	3	0	0	2	2	0	0	0	0	1
17	3	3	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	3	3	1
18	3	3	3	3	5	5	5	5	7	7	0	0	2	2	4	4	4	4	2	2	3	3	4	4	3
19	2	2	2	2	4	4	7	7	4	4	2	2	6	6	3	3	2	2	2	2	4	4	7	7	4
20	5	5	3	3	3	3	4	4	5	5	5	5	0	0	0	0	0	0	0	0	0	0	2	2	2
21	2	2	4	4	2	2	3	3	5	5	0	0	1	1	0	0	0	0	2	2	2	2	2	2	2
22	3	3	2	2	8	8	2	2	5	5	1	1	2	2	2	2	2	2	1	1	0	0	2	2	3
23	1	1	1	1	2	2	2	2	2	2	2	2	1	1	0	0	2	2	1	1	2	2	2	2	2
24	0	0	2	2	3	3	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
25	3	3	3	3	6	6	3	3	3	3	5	5	1	1	3	3	2	2	0	0	0	0	0	0	2
26	4	4	2	2	2	2	2	2	0	0	3	3	1	1	1	1	3	3	2	2	0	0	1	1	2
27	1	1	0	0	1	1	2	2	1	1	2	2	0	0	4	4	3	3	0	0	0	0	2	2	1
28	3	3	1	1	0	0	1	1	2	2	2	2	0	0	1	1	0	0	2	2	1	1	0	0	1
29	2	2	2	2	1	1	0	0	3	3	0	0	0	0	0	0	2	2	0	0	1	1	0	0	1
30	1	1	0	0	0	0	0	0	2	2	0	0	0	0	1	1	2	2	0	0	4	4	2	2	1
31	2	2	0	0	2	2	2	2	0	0	2	2	0	0	3	3	0	0	0	0	0	0	6	6	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	2	2	1.7

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE															MONTH - OCT 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	2	1	2	2	2	1	2	0	0	0	0	2	0	0	1	1	0	1	2	2	2	
2	2	2	2	1	2	2	5	9	6	3	0	2	1	0	2	2	2	4	5	5	6	9	11	11	4
3	11	7	11	10	7	2	2	1	2	1	1	2	3	5	5	4	6	5	4	3	3	4	4	5	5
4	3	0	1	1	2	3	2	3	3	3	3	0	2	2	0	2	0	3	4	4	4	3	4	3	2
5	3	6	5	4	4	4	4	12	10	2	3	2	2	3	4	4	4	3	3	3	0	1	1	2	4
6	2	2	0	3	2	2	0	3	4	1	3	2	0	0	0	0	1	0	1	0	0	1	0	1	1
7	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	2	1
9	2	2	3	2	2	2	4	3	....	....	....	0	0	0	1	1	0	2	2	3	3	2	0	2	2
10	1	2	2	2	2	2	3	6	4	3	4	....	3	4	4	3	3	....	4	3	4	2	3	4	3
11	5	8	9	6	9	....	....	20	13	10	9	6	7	7	6	5	4	7	6	7	7	7	5	4	8
12	4	3	3	4	3	3	3	4	4	3	3	2	3	3	3	2	3	5	2	0	1	2	4	4	3
13	3	1	4	4	4	7	4	3	2	2	0	1	0	1	0	0	2	0	0	0	0	0	0	0	2
14	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1	3	2	0	2	0	2	1
15	1	1	1	1	0	1	2	1	2	2	2	0	0	0	0	0	1	2	3	6	4	6	4	5	2
16	3	0	0	0	2	2	3	5	5	3	2	0	2	2	0	2	3	3	5	3	6	6	4	4	3
17	4	4	4	3	2	3	5	10	7	4	4	2	2	0	3	2	2	3	4	3	4	4	3	2	4
18	4	7	7	8	5	4	3	5	3	4	4	3	3	3	4	3	5	4	3	5	5	6	7	7	5
19	5	5	2	0	1	2	6	18	5	4	3	....	0	3	4	5	5	4	4	5	4	1	0	0	4
20	1	0	1	3	4	5	9	16	13	5	0	0	3	4	2	2	4	5	2	4	3	3	4	3	4
21	3	3	3	3	3	3	3	5	7	5	4	4	4	1	3	2	4	3	3	4	2	4	5	3	4
22	4	3	3	3	....	....	3	3	3	3	2	3	4	0	2	2	2	4	3	3	3	4	5	5	3
23	5	2	2	2	0	1	0	0	1	2	0	0	3	....	0	0	0	0	0	0	0	3	4	5	1
24	6	7	6	7	6	8	8	9	9	5	2	0	1	0	2	2	1	2	2	2	3	5	6	5	4
25	4	4	3	2	3	4	7	7	8	5	5	6	4	4	4	3	2	2	1	2	2	2	2	2	4
26	2	3	3	3	3	2	0	2	0	1	3	2	2	2	2	1	1	2	2	3	3	2	2	2	2
27	0	0	0	2	2	1	3	3	3	4	3	2	2	3	5	2	1	2	3	3	2	2	2	2	2
28	3	3	3	3	3	4	4	3	3	2	2	1	0	0	0	0	0	0	0	2	2	2	0	2	2
29	1	1	1	0	0	0	0	2	2	2	2	2	2	2	2	2	0	2	5	11	9	9	6	6	3
30	9	8	9	2	....	2	....	4	4	5	5	3	3	0	3	4	5	7	10	10	8	7	5	3	5
31	3	3	3	4	5	5	8	12	13	10	8	8	5	0	3	3	2	3	1	1	2	2	2	1	4
MEAN	3	3	3	3	3	3	3	6	5	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - NOV 78										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	2	2	6	8	7	8	2	2	0	0	2	4	4	5	6	7	3	4	3	4	4
2	3	3	4	4	3	2	3	4	7	5	5	4	2	8	5	3	4	8	5	5	9	14	8	5	5	5
3	15	9	10	9	8	9	12	17	17	19	14	9	9	9	11	10	9	9	8	7	13	12	8	10	11	11
4	10	9	5	8	7	8	7	12	11	11	12	12	11	9	11	11	12	14	14	9	8	6	10	7	10	10
5	7	7	6	8	8	8	8	6	11	11	11	9	9	9	8	8	4	5	5	6	6	4	5	4	7	7
6	4	4	5	5	5	6	7	9	10	5	5	4	3	7	4	1	3	2	2	1	2	2	3	2	4	4
7	2	2	1	0	1	0	2	0	2	4	2	0	0	0	0	0	1	3	3	0	1	2	3	3	1	1
8	4	3	8	3	5	6	9	15	10	9	3	26	3	3	2	2	2	2	3	3	2	2	3	2	5	5
9	3	2	1	2	1	2	2	4	4	4	3	3	2	3	3	3	3	3	5	5	4	6	7	8	7	4
10	5	7	5	6	4	5	6	10	15	20	10	4	6	6	7	7	6	6	6	5	7	5	7	8	7	7
11	6	5	5	9	7	6	6	7	7	6	5	4	5	3	4	5	5	4	4	0	1	0	0	0	4	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2	2	2	1	2	2	3	2	1	0	1	1
13	0	0	0	2	0	2	3	3	4	5	5	4	2	3	3	6	5	4	6	6	5	5	6	4	3	3
14	5	5	5	6	5	3	2	1	2	2	2	0	1	0	1	0	0	2	1	2	0	1	1	0	2	2
15	0	0	1	0	2	1	0	2	2	2	2	2	0	....	0	0	3	4	6	7	8	9	10	8	3	
16	7	5	4	4	2	2	3	6	12	6	3	3	2	2	0	0	0	1	2	4	5	3	2	2	0	3
17	0	0	0	0	0	2	3	3	3	3	3	3	3	2	3	3	4	2	2	2	4	1	0	0	2	2
18	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	2	0	2	2	2	1	2	1	1
19	2	2	1	2	1	1	2	3	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1
20	0	0	0	0	0	0	0	2	2	0	5	3	2	3	....	....	0	2	1	0	0	0	1	0	1	1
21	0	2	0	1	1	0	0	1	7	3	3	2	2	3	5	4	3	3	4	6	8	9	6	8	8	4
22	7	5	0	0	0	0	0	2	2	1	0	1	1	1	2	0	2	2	2	3	2	3	1	2	2	2
23	2	2	2	2	2	2	3	3	4	3	5	4	5	5	6	3	4	3	3	3	3	2	3	3	3	3
24	3	4	3	2	3	4	2	3	4	2	0	2	1	0	2	1	2	2	2	3	4	2	3	4	2	2
25	4	2	2	1	3	3	0	0	2	1	2	0	0	0	0	0	0	0	0	1	2	1	0	0	1	1
26	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	1	2	3	2	3	2	3	1	1
27	3	5	10	7	2	3	5	4	5	4	4	4	4	3	3	1	3	4	3	4	3	3	2	2	0	4
28	1	0	0	1	2	2	4	6	6	4	4	2	3	2	2	3	3	3	2	2	2	2	3	2	4	4
29	0	2	2	3	3	3	3	5	6	7	6	6	3	3	4	4	4	3	3	4	4	3	3	2	4	4
30	2	2	2	0	1	2	3	4	2	2	2	1	1	0	0	0	1	1	1	0	2	1	2	2	1	1
MEAN		3	3	3	3	3	3	5	5	5	4	4	3	3	3	3	3	3	3	4	3	4	3	4	3	3

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003

ELMCREST ROAD, ETOBICOKE

MONTH - DEC 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	2	2	2	2	2	3	***	3	4	6	6	4	3	4	4	3	3	4	3	3
2	1	0	2	2	2	1	0	0	0	1	1	2	2	0	0	0	0	0	1	2	2	4	5	3	1
3	3	2	2	2	1	0	1	2	4	2	1	1	2	2	3	4	5	5	5	5	4	5	5	8	3
4	3	5	2	2	0	0	1	1	3	2	1	1	2	1	2	1	2	1	1	1	1	0	0	0	1
5	2	2	2	2	2	3	3	3	5	5	3	***	3	0	2	2	2	2	3	2	2	2	2	0	1
6	2	2	2	2	2	3	3	3	5	5	3	***	3	0	2	2	2	2	2	3	2	2	3	2	2
7	2	2	2	1	2	3	2	4	5	5	4	3	2	2	3	3	3	4	4	5	6	5	6	3	3
8	6	5	4	6	6	6	9	9	9	6	3	3	2	1	0	1	2	2	1	0	1	0	0	0	3
9	0	0	0	0	***	0	0	0	1	2	0	0	0	1	0	1	2	2	0	0	1	0	1	0	1
10	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0
11	2	0	1	0	2	1	3	2	3	4	3	2	3	2	2	3	5	6	7	8	7	5	4	3	3
12	3	3	3	3	3	2	3	2	3	3	2	2	1	1	2	3	2	2	2	2	3	3	5	4	3
13	3	3	3	3	2	2	2	1	2	3	2	2	2	1	0	0	0	0	0	2	1	1	1	2	2
14	0	2	1	1	0	0	0	0	0	3	2	2	0	0	0	0	1	2	-	-	-	-	-	-	1
15	-	-	-	-	-	-	-	-	-	2	2	2	1	0	3	2	2	2	3	3	3	2	2	3	***
16	2	3	3	2	3	3	3	3	5	4	3	3	4	5	6	4	5	7	7	7	8	6	5	4	4
17	3	3	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	2	2	0	1
18	0	0	2	0	0	0	2	4	3	3	3	2	2	2	1	0	0	0	2	0	2	1	3	2	1
19	1	3	3	5	3	2	2	3	4	5	3	***	5	0	2	3	4	5	4	3	1	2	2	3	3
20	3	3	3	3	2	2	2	2	5	4	3	2	2	2	2	3	3	2	3	3	4	4	4	3	3
21	3	3	2	0	1	0	2	2	3	3	2	2	0	0	0	0	2	3	2	1	2	1	2	2	2
22	2	1	2	2	2	2	2	2	3	***	4	3	3	2	3	2	2	2	2	2	3	0	0	0	2
23	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	2	2	10	10	9	16	2
24	7	10	14	5	3	2	2	0	2	3	2	3	3	3	3	3	5	4	5	4	5	4	4	4	4
25	3	3	3	2	2	2	2	2	2	2	3	2	1	2	2	1	2	2	1	1	2	1	1	2	2
26	2	2	2	0	0	0	0	0	0	2	0	2	0	1	0	0	0	0	0	0	0	2	0	0	1
27	0	2	2	1	0	1	0	0	-	***	2	0	2	1	0	0	2	1	0	2	2	1	1	0	1
28	0	0	0	0	1	2	3	3	5	7	4	***	2	2	3	3	3	4	4	3	4	4	4	4	3
29	5	2	2	2	2	2	3	4	4	5	6	-	-	-	2	1	3	5	5	5	5	2	2	2	3
30	3	3	0	0	1	1	3	2	3	4	3	2	2	1	2	3	5	5	7	9	8	11	10	6	4
31	10	9	8	7	7	6	6	6	6	5	7	7	10	4	3	12	11	9	7	6	8	6	4	-	7
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	1	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003

ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN				DATA UNAVAILABLE
FEB				DATA UNAVAILABLE
MAR				DATA UNAVAILABLE
APR	1	3.0	3	6
MAY	25	3.5	8	14
JUN	30	2.6	8	15
JUL	31	1.7	4	8
AUG	31	3.2	7	17
SEP	30	2.6	7	19
OCT	31	2.9	8	20
NOV	30	3.5	11	26
DEC	30	2.4	7	16
YEAR	239	2.8	11	26

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	21	3	0	0	0	0	0	24
MAY	413	157	23	0	0	0	0	593
JUN	574	124	15	0	0	0	0	713
JUL	694	50	0	0	0	0	0	744
AUG	547	165	10	2	0	0	0	724
SEP	582	102	12	3	0	0	0	699
OCT	592	124	10	3	0	0	0	729
NOV	515	173	24	4	1	0	0	717
DEC	619	93	4	1	0	0	0	717
YEAR	4557	991	98	13	1	0	0	5660

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.8	0	0.0	0.6	1.7	2.9	5.9	7.9	10.0	11.5	26	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JAN 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	1	1	0	2	1	2	2	2	2	3	4	5	4	5	3	2	3	2	2	2	2
2	0	2	2	2	4	3	2	1	3	6	4	5	3	1	0	0	0	2	4	2	3	4	4	4	3
3	2	4	3	2	3	3	2	4	7	4	4	4	3	3	3	2	6	8	4	5	5	4	4	4	4
4	2	1	2	2	3	****	4	8	15	13	12	7	7	7	5	6	5	5	6	4	5	5	6	6	6
5	7	5	4	4	13	7	7	8	9	8	8	6	6	6	7	7	7	8	7	7	11	-	-	5	7
6	5	5	3	3	3	3	3	4	5	6	5	5	4	4	4	6	5	3	1	4	4	5	3	3	4
7	2	3	3	4	3	4	4	6	6	7	6	7	8	****	****	****	8	8	10	8	9	8	9	12	6
8	9	7	5	4	3	4	4	4	4	5	3	2	3	5	4	3	8	6	8	2	3	2	0	0	4
9	0	0	0	1	0	2	0	2	3	2	3	2	3	2	3	2	3	4	3	2	2	1	0	2	2
10	1	1	1	0	3	3	3	4	3	4	3	3	3	3	1	3	2	2	2	2	2	2	2	3	2
11	4	3	3	3	2	1	1	3	2	3	3	4	4	3	4	4	4	5	3	3	3	3	3	2	3
12	2	2	3	3	2	5	3	8	6	6	7	6	8	7	-	7	6	8	6	8	10	11	10	11	6
13	10	10	9	10	9	4	3	4	5	****	8	7	6	7	6	6	6	5	4	3	3	2	2	1	6
14	2	1	0	0	2	0	2	2	1	1	2	2	0	1	2	1	2	2	2	2	2	2	1	2	1
15	1	2	0	1	0	0	2	2	2	0	0	****	0	0	0	0	0	2	2	2	2	2	0	2	1
16	2	1	8	3	3	8	4	6	7	6	5	5	3	3	3	4	4	5	4	4	6	5	6	7	5
17	8	11	10	8	5	7	9	9	11	10	10	9	5	6	6	5	7	5	3	3	3	2	3	2	7
18	3	3	2	2	2	2	4	4	4	4	4	4	6	6	4	4	3	3	3	4	6	6	6	4	4
19	6	6	7	9	9	10	9	12	20	22	16	12	7	5	5	4	7	5	5	7	6	3	5	3	8
20	2	0	1	0	1	0	2	3	5	5	4	4	5	5	4	4	3	4	5	3	4	3	3	2	3
21	2	2	1	2	2	1	2	2	2	2	3	3	3	2	2	2	2	4	7	8	10	14	7	6	4
22	5	5	4	2	3	2	3	4	4	4	6	4	3	****	5	4	4	4	4	3	3	6	5	6	4
23	5	5	3	4	5	4	6	7	8	7	7	7	5	4	5	5	7	5	7	8	7	7	8	6	6
24	9	9	7	8	8	7	6	8	11	12	****	12	10	7	8	10	11	8	9	10	7	8	9	9	9
25	11	8	10	9	7	7	15	18	21	0	21	14	13	16	15	12	12	8	8	6	5	5	4	3	10
26	2	2	1	1	0	1	2	3	2	1	3	****	-	0	****	****	****	-	****	****	12	7	3	****	3
27	2	2	0	1	0	2	2	7	14	3	2	5	5	3	3	0	3	4	2	2	1	2	3	3	3
28	2	0	0	0	0	0	0	0	4	3	3	2	2	4	3	0	0	2	2	2	2	1	1	0	1
29	0	1	2	1	2	0	0	2	2	5	2	2	4	2	2	0	0	0	0	0	2	3	0	3	2
30	3	3	4	0	2	1	4	5	9	14	10	8	3	5	2	5	13	4	5	4	4	3	2	3	5
31	2	2	3	5	5	6	6	8	8	7	6	7	6	7	7	7	7	7	6	6	2	2	2	3	5
MEAN	4	4	3	3	3	3	4	5	7	6	6	6	5	4	4	4	5	5	5	4	4	5	4	4	4.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE. ETOBICOKE

MONTH - FEB 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	3	4	5	7	8	6	6	3	5	4	5	4	4	5	4	4	3	4	4	4	4
2	4	5	3	4	4	5	8	11	14	15	11	7	7	7	7	8	8	8	10	8	6	7	7	5	7
3	4	3	5	5	6	6	9	14	11	5	8	7	5	4	0	3	3	4	4	3	3	3	4	3	5
4	4	3	3	3	3	2	3	6	7	6	***	***	***	***	6	5	5	4	7	10	11	14	17	20	17
5	13	11	8	9	8	5	0	1	3	3	4	2	4	0	3	3	2	3	4	4	5	2	4	2	4
6	2	2	3	2	2	4	4	4	5	4	5	5	4	3	2	3	3	2	3	2	3	1	0	0	3
7	0	0	2	1	2	2	3	3	2	3	2	3	3	3	3	3	4	4	4	3	4	3	3	3	3
8	5	3	1	0	3	2	3	6	7	7	7	7	6	0	6	6	5	4	4	7	6	5	4	3	5
9	4	2	2	3	3	3	3	8	5	6	5	6	6	6	6	2	4	3	5	6	6	8	6	5	6
10	5	5	4	4	6	7	10	11	10	9	9	9	8	4	3	0	5	4	3	4	3	4	4	3	6
11	4	4	3	3	2	4	4	4	4	3	3	3	2	2	2	1	2	2	2	1	2	3	3	2	3
12	2	0	0	1	2	0	0	0	2	1	2	1	3	0	0	1	0	2	2	2	0	2	2	2	1
13	3	5	3	4	2	2	4	4	5	5	6	6	5	7	5	3	5	5	5	5	4	5	4	4	4
14	3	4	2	4	6	6	9	9	11	10	9	8	5	***	2	2	3	3	5	8	16	14	8	7	7
15	6	5	4	3	4	4	10	15	14	10	7	5	9	2	5	5	7	8	8	8	9	8	10	7	7
16	9	9	9	11	9	11	8	9	10	9	7	9	8	10	***	7	6	6	4	7	7	6	5	6	8
17	6	5	5	5	5	4	7	8	8	7	5	4	4	4	4	4	5	4	5	6	7	6	5	6	5
18	6	8	7	7	6	***	6	7	7	9	6	3	3	3	2	3	3	3	4	5	7	5	4	4	5
19	2	2	3	2	2	2	2	2	3	2	2	2	2	2	***	***	2	1	2	2	2	3	2	4	2
20	4	6	6	7	7	10	13	15	12	12	11	11	10	7	3	7	7	7	7	5	10	4	7	7	8
21	7	4	5	6	5	6	9	10	12	11	9	9	5	6	2	5	4	3	4	4	4	2	4	3	6
22	2	1	2	4	6	5	6	8	8	7	3	4	4	***	3	3	4	4	2	***	***	4	4	4	4
23	3	2	4	3	4	4	6	9	9	8	9	7	6	6	6	2	0	4	5	4	6	4	6	5	5
24	7	6	5	6	5	5	6	6	7	6	4	***	4	3	3	5	4	5	6	4	3	3	2	5	4
25	5	5	5	3	***	3	4	4	5	4	4	4	8	5	2	2	3	3	3	2	3	4	5	2	2
26	4	3	2	2	2	1	2	2	2	4	3	0	1	3	0	0	0	0	1	3	2	3	0	2	2
27	3	2	2	2	2	3	6	7	10	10	7	4	***	0	3	3	4	2	2	3	6	4	4	3	4
28	3	6	5	6	6	8	11	16	16	12	10	5	4	***	3	3	5	4	5	6	6	7	8	10	7
MEAN	4	4	4	4	4	4	6	7	8	7	6	5	5	4	3	3	4	4	4	5	5	5	5	5	4.9

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033

EVANS/ARNOLD AVE. ETOBICOKE

MONTH - MAR 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	10	6	4	6	7	9	12	12	11	7	7	5	***	2	7	5	2	4	6	5	4	5	4	7
2	3	4	3	2	2	4	7	10	7	8	6	5	3	4	3	3	2	0	1	2	3	7	6	7	4
3	8	9	10	9	9	9	3	4	2	3	3	7	6	6	6	6	4	4	4	3	4	2	3	2	5
4	2	2	3	2	3	4	2	0	2	0	2	2	2	0	1	0	0	0	0	2	3	4	4	2	2
5	5	3	2	2	1	1	1	2	2	3	3	2	2	***	2	0	0	0	0	2	3	7	7	6	7
6	5	6	5	7	9	9	14	17	15	15	11	9	7	3	8	4	3	2	0	0	3	3	4	5	3
7	3	3	2	3	2	4	6	6	7	7	5	0	7	5	3	3	2	0	0	0	4	2	4	7	7
8	3	4	4	4	6	8	7	11	16	11	5	3	0	6	5	4	2	2	0	3	11	16	19	19	7
9	14	11	9	11	7	13	16	23	18	13	9	6	8	5	5	7	7	7	3	3	3	5	10	12	9
10	7	7	8	6	8	10	10	14	15	***	***	***	***	***	7	12	10	7	***	2	14	13	10	11	10
11	9	9	9	10	9	10	9	8	7	6	6	7	7	5	6	8	5	7	8	9	0	10	10	9	8
12	10	8	0	9	10	10	11	10	11	4	0	4	6	3	***	***	3	0	3	4	5	7	4	4	6
13	4	10	11	12	10	14	20	21	21	12	6	9	8	5	7	5	7	6	4	5	4	5	7	7	9
14	5	5	4	4	5	5	6	8	11	10	13	3	5	6	6	4	4	3	3	3	3	3	3	3	4
15	2	2	2	2	2	3	4	5	6	7	7	6	2	5	7	7	5	3	4	3	3	3	3	3	4
16	2	2	***	***	***	***	5	9	11	8	4	4	3	2	3	0	4	2	1	1	1	2	1	2	3
17	2	0	1	2	3	2	3	3	4	4	5	4	4	2	0	6	4	2	2	4	5	4	4	3	3
18	2	2	2	0	1	2	3	3	4	5	3	2	3	2	0	0	0	0	2	3	4	2	2	3	2
19	3	3	2	2	2	2	3	3	4	2	0	0	0	2	0	0	0	0	0	0	1	2	2	3	2
20	1	2	4	3	3	10	9	12	7	5	2	4	6	5	4	2	2	0	0	2	2	7	6	4	4
21	11	11	5	5	6	7	10	14	20	24	23	20	12	14	12	6	5	7	5	4	4	3	2	3	10
22	2	2	3	2	3	4	6	7	9	6	5	3	3	3	6	8	9	9	8	5	5	6	6	3	5
23	2	2	3	3	4	5	9	11	5	4	3	4	6	3	2	5	4	0	4	4	3	4	0	0	4
24	0	0	2	0	2	1	0	1	2	3	4	3	3	2	1	1	0	0	0	3	3	4	5	5	2
25	4	3	3	3	4	4	6	4	4	3	1	0	2	3	0	0	0	0	1	0	2	0	3	3	2
26	3	0	2	0	0	0	1	0	0	3	2	2	2	2	2	2	2	2	2	3	2	2	1	3	2
27	3	3	3	2	3	3	5	7	7	3	6	7	5	5	3	6	***	4	4	6	6	5	4	3	4
28	2	2	3	2	4	3	4	6	8	4	4	4	5	5	5	7	8	8	6	7	8	8	12	10	6
29	8	7	5	4	2	2	3	5	5	3	3	2	2	5	6	***	9	4	3	4	4	3	4	4	4
30	4	2	2	3	3	4	6	10	10	7	4	4	5	6	5	0	8	5	4	5	4	3	4	4	5
31	4	4	5	7	8	9	***	***	***	7	6	4	7	-	-	8	5	3	2	3	2	-	0	2	5
MEAN	5	4	4	4	5	6	7	8	8	7	5	4	5	4	4	4	4	3	3	3	4	5	5	5	4.8

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - C NO 35033		EVANS/ARNOLD AVE, ETOBICOKE												MONTH - APR 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	4	6	7	6	6	3	4	4	4	4	****	9	0	2	2	3	0	0	0	0	0	0	3
2	0	0	0	0	1	2	2	0	1	3	3	3	2	0	3	3	1	0	0	3	3	5	5	6	2
3	7	5	0	0	0	0	0	0	3	4	2	3	3	3	3	3	3	2	3	3	4	4	6	3	8
4	6	6	5	4	6	7	8	11	9	4	0	13	8	7	11	15	13	6	7	12	12	6	3	4	8
5	2	2	0	3	2	0	5	5	2	5	3	2	5	3	5	3	2	2	4	6	6	7	9	8	4
6	6	4	6	8	7	12	14	6	5	2	2	0	1	2	0	3	3	1	0	2	1	3	3	2	4
7	4	8	9	8	5	2	4	6	3	6	5	4	3	3	0	4	4	2	3	3	3	3	2	1	4
8	2	2	1	1	1	0	0	1	0	2	2	2	0	0	5	0	3	0	0	0	0	0	2	3	1
9	2	3	2	1	0	2	3	3	4	0	1	0	0	0	6	0	0	0	3	4	5	4	3	-	2
10	5	6	3	2	2	3	2	3	4	4	4	***	***	3	3	3	4	2	2	2	6	7	5	4	4
11	3	4	-	0	3	7	8	12	-	15	-	14	10	6	6	3	0	8	0	5	3	***	2	1	6
12	-	4	2	1	0	3	7	2	5	2	-	4	2	5	-	***	13	0	2	2	2	2	4	4	3
13	5	3	3	5	2	5	4	1	2	3	4	4	3	2	5	4	2	0	5	3	0	1	3	2	3
14	1	1	2	0	0	0	4	5	0	4	5	5	4	3	1	4	4	3	3	3	2	2	1	2	2
15	2	3	3	3	2	2	1	3	3	0	0	0	0	2	1	***	0	0	0	1	3	4	6	2	2
16	1	2	2	1	2	2	-	0	4	0	0	0	-	***	1	4	-	4	3	3	-	1	1	-	2
17	1	***	-	1	-	***	6	5	10	0	2	5	-	3	4	3	-	***	8	13	3	***	8	8	5
18	7	6	5	7	8	11	7	-	5	4	5	5	0	1	3	5	1	2	5	0	0	0	0	0	4
19	3	3	3	2	2	2	1	3	4	6	6	7	7	5	4	4	3	3	***	***	***	***	***	***	4
20	3	***	3	3	2	2	3	4	6	5	5	5	3	3	4	4	4	2	***	***	2	1	0	1	3
21	1	2	0	0	0	0	2	***	***	5	4	5	4	0	5	3	0	2	2	3	2	2	3	2	2
22	2	1	1	1	2	2	***	***	4	3	0	2	0	2	0	1	1	4	1	1	1	2	2	2	2
23	3	2	2	3	3	5	6	1	2	3	0	2	0	2	0	0	2	0	3	5	6	12	13	12	4
24	8	5	4	4	4	8	11	7	6	6	3	5	0	4	6	4	2	3	2	5	3	3	4	5	5
25	4	4	3	3	3	4	8	2	3	3	5	2	4	3	***	***	9	4	5	4	3	6	5	11	8
26	7	6	7	***	3	-	4	8	7	2	6	2	4	3	***	***	9	3	6	6	4	5	4	5	4
27	0	7	5	-	2	3	5	5	7	***	-	3	2	4	4	***	0	0	0	3	3	6	6	4	5
28	1	2	2	2	3	3	2	4	3	3	6	2	2	2	4	1	1	-	6	3	3	2	2	3	3
29	9	9	5	4	0	2	0	4	0	3	3	***	0	0	2	1	-	-	0	0	2	0	0	0	2
30	0	0	0	0	0	1	2	2	2	0	0	0	0	0	2	3	3	***	6	2	1	3	2	0	1
MEAN	3	4	3	3	2	3	4	4	4	4	3	4	3	3	3	3	3	2	3	3	3	3	4	4	3.3

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 3.2

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - C NO 35033		EVANS/ARNOLD AVE, ETOBICOKE												MONTH - MAY 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	2	0	2	4	3	4	3	3	0	8	4	3	3	2	1	2	1	3	6	2	3	3
2	2	3	4	3	4	7	8	5	3	4	0	9	2	0	3	3	4	3	0	1	2	3	3	2	3
3	0	1	2	3	4	7	9	9	7	6	5	***	4	6	***	***	3	0	2	2	2	3	3	4	4
4	4	4	3	1	0	4	10	6	4	3	2	2	2	2	0	5	3	2	1	3	2	2	0	3	4
5	1	1	2	3	2	3	5	6	4	4	5	4	2	2	3	5	4	3	5	5	4	7	3	4	4
6	4	3	4	3	3	5	4	5	5	5	5	***	8	8	4	3	3	5	8	9	4	2	4	5	5
7	2	2	2	2	2	3	6	1	0	2	3	0	6	2	4	3	3	3	3	2	2	2	3	3	3
8	2	2	3	3	3	4	7	7	6	10	6	9	6	5	9	8	7	5	4	2	4	6	4	5	5
9	3	7	5	6	4	10	13	18	16	7	6	5	3	3	4	5	3	-	6	3	4	4	3	6	6
10	2	2	0	0	1	3	8	-	***	3	3	4	5	4	2	4	4	3	4	2	1	7	9	7	4
11	7	6	8	14	13	13	11	9	7	8	10	7	7	6	7	5	-	5	4	5	6	6	11	11	8
12	9	5	6	5	6	6	7	12	16	11	9	8	11	11	10	3	4	5	3	6	7	3	4	7	7
13	4	5	5	2	6	3	6	0	3	0	5	6	8	***	7	3	1	3	0	7	6	3	3	2	4
14	0	3	1	0	2	2	2	3	3	5	***	4	1	0	1	0	0	2	0	0	0	0	0	0	1
15	0	1	2	0	0	1	3	4	4	***	2	2	3	2	3	0	2	5	2	3	0	4	5	3	2
16	2	2	2	1	2	3	4	5	5	0	4	7	0	2	4	4	3	2	3	7	11	7	3	0	3
17	2	1	3	3	5	8	7	10	9	***	4	6	2	3	3	4	3	4	5	3	4	5	4	6	5
18	9	10	11	9	11	8	8	9	11	***	6	8	7	7	4	4	5	6	6	12	13	10	12	9	9
19	16	15	15	12	17	17	14	14	11	9	10	8	5	9	11	6	3	3	3	5	9	8	9	9	10
20	6	5	6	4	7	9	8	7	7	8	6	5	5	4	3	4	2	4	2	2	3	3	4	6	5
21	3	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	6	1
22	0	2	2	3	4	4	0	1	1	0	3	2	2	2	1	0	2	1	2	4	6	8	7	3	3
23	6	10	4	9	7	8	9	10	8	4	5	3	4	5	6	6	5	4	7	5	6	7	9	6	9
24	11	7	7	11	8	9	9	12	15	13	8	***	***	5	6	8	5	9	9	7	11	13	5	4	9
25	6	8	7	7	8	10	10	8	9	7	5	5	5	6	4	5	4	5	3	5	5	6	8	7	6
26	7	7	5	7	6	6	10	9	6	7	***	8	6	6	6	6	6	6	6	6	6	6	6	6	6
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	9	8	9	8	7	7	10	9	8	6	6	4	4	3	4	5	3	4	4	3	6	6	5	6	6
29	7	8	10	9	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	6	7	12	14	13	10	11	12	***	***	***	***	6	10	11	9	7	8	5	5	8	6	10	11	7
31	10	11	13	9	9	14	11	8	6	8	***	***	9	4	0	3	2	3	3	2	2	4	3	2	6
MEAN	5	5	5	5	5	6	7	7	7	5	5	5	5	4	4	4	3	4	3	4	5	5	5	5	5.0

PERCENTAGE OF DATA VALID - 90.9 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - AUG 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	5	5	6	12	9	9	6	5	5	8	6	6	5	6	6	4	5	5	6	10	6	8	7
2	12	12	9	8	8	14	16	12	9	8	8	9	10	7	9	4	3	3	5	4	3	4	2	3	8
3	3	0	3	4	5	3	6	8	4	6	4	6	4	***	4	5	3	5	4	2	0	0	0	4	7
4	0	0	0	0	2	5	***	6	3	3	3	4	2	2	1	0	1	0	1	3	5	5	3	6	2
5	10	7	8	3	3	6	2	2	4	5	3	1	1	1	0	1	2	2	3	2	3	4	3	4	2
6	4	5	4	6	4	3	2	2	3	2	3	6	2	3	0	2	4	2	3	5	4	6	7	8	4
7	7	10	5	6	6	6	6	7	6	4	3	3	2	2	2	4	1	2	3	2	2	6	8	5	5
8	5	6	4	8	7	9	16	12	7	5	5	4	4	5	3	3	4	4	1	3	2	3	2	0	5
9	3	4	2	1	4	2	5	7	9	6	6	5	6	6	7	4	2	1	2	3	6	2	6	4	4
10	3	2	0	2	4	4	2	6	5	4	2	3	4	***	***	2	2	2	3	5	5	7	9	8	4
11	14	5	4	6	7	13	14	13	13	3	3	3	4	3	2	6	2	2	2	3	5	3	6	9	6
12	10	6	4	5	6	7	7	6	6	8	5	5	3	2	1	2	1	3	2	2	2	3	4	3	4
13	3	4	4	5	3	4	4	5	5	2	3	5	6	5	3	3	2	3	5	8	6	4	11	8	5
14	6	6	7	6	7	11	14	19	17	13	8	8	8	4	6	6	4	4	5	4	4	5	12	10	8
15	5	6	5	7	7	5	10	8	7	6	6	6	***	9	4	3	4	3	4	6	3	2	5	4	5
16	4	4	8	4	3	5	7	7	5	3	4	2	3	3	4	3	2	0	3	0	3	2	3	3	4
17	0	2	2	2	3	3	5	4	5	6	***	2	4	2	4	2	3	4	2	6	5	4	3	3	3
18	8	9	5	5	5	7	8	11	7	2	5	6	5	6	4	4	0	2	0	0	2	0	2	3	4
19	2	2	2	4	3	2	3	5	6	1	3	3	3	3	2	2	-	-	-	0	0	0	0	0	2
20	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	0	0	0	0	0	1	3	0	1	0
21	0	3	0	4	4	6	5	5	7	***	***	***	***	6	3	4	3	4	3	***	5	8	8	2	4
22	2	0	0	0	0	0	0	0	0	2	2	0	0	2	3	5	5	6	7	9	10	17	15	12	4
23	10	5	4	6	9	12	15	24	14	13	***	5	7	7	12	8	6	6	7	7	9	8	9	9	8
24	8	7	7	7	8	8	12	16	16	13	11	12	12	11	7	10	4	2	5	0	5	0	4	0	9
25	3	4	0	2	5	2	5	6	4	4	6	5	4	3	6	4	4	6	6	11	8	7	4	6	5
26	5	0	0	5	2	0	2	1	2	3	1	2	0	0	0	3	1	0	4	6	7	7	5	7	3
27	6	2	0	4	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	0	0	2	0	2	1
28	0	0	2	1	3	4	9	7	6	***	0	2	1	0	3	3	4	4	2	0	0	2	2	3	3
29	2	5	4	0	2	2	7	6	4	5	3	5	3	3	3	3	3	1	3	6	8	6	6	7	4
30	7	10	7	5	7	9	15	6	10	8	***	5	4	5	6	-	-	-	***	6	2	2	5	6	7
31	1	0	5	5	0	6	7	6	10	6	5	3	6	6	5	4	4	2	3	4	2	9	13	7	5
MEAN	5	4	4	4	4	6	7	7	6	5	4	4	4	4	4	4	3	3	3	4	4	5	5	5	4.5

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - SEP 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	3	5	7	9	9	7	5	4	5	5	4	3	4	4	5	4	5	3	4	4	3	5
2	5	8	6	2	7	9	6	***	4	6	6	5	5	3	3	3	3	4	4	4	2	2	3	3	4
3	3	4	4	4	4	3	3	2	2	3	3	3	3	3	2	3	0	2	0	7	1	0	2	0	3
4	1	0	0	2	0	2	0	0	2	0	2	0	0	0	1	0	1	0	1	0	2	2	2	5	1
5	3	5	3	5	5	10	12	13	9	***	13	6	4	4	4	5	4	5	4	4	2	4	6	3	6
6	7	3	5	7	5	7	9	10	9	7	7	2	5	5	4	3	4	5	5	6	6	4	2	3	5
7	3	3	2	***	5	5	4	5	4	4	1	0	3	2	3	2	2	0	3	0	1	0	0	0	2
8	0	3	2	2	2	3	2	3	2	2	2	2	3	2	2	2	5	3	4	7	6	4	4	2	3
9	4	3	4	2	2	2	2	1	0	0	0	0	1	0	1	2	0	0	0	2	0	0	0	0	1
10	0	0	2	0	0	0	2	3	1	***	5	0	0	0	0	1	1	2	3	3	1	3	5	9	2
11	11	10	4	9	9	9	14	6	6	***	19	9	12	4	5	5	5	3	5	4	6	2	4	4	7
12	4	6	2	3	5	0	6	2	4	7	***	2	0	4	1	1	0	0	2	2	2	1	0	0	2
13	0	3	2	0	0	0	0	0	2	0	0	8	2	0	0	2	0	0	1	2	1	0	0	0	1
14	1	0	0	0	0	0	2	3	4	4	5	3	-	3	5	5	4	4	-	-	-	0	3	2	2
15	2	2	0	3	5	9	7	-	***	0	4	3	4	2	3	4	3	2	2	5	0	2	3	3	3
16	2	3	0	1	0	0	3	0	1	0	0	0	0	1	2	0	1	5	3	0	0	2	2	4	1
17	4	2	0	0	3	0	0	0	0	0	0	0	1	0	2	2	1	2	0	6	3	4	3	0	1
18	5	2	0	0	0	2	6	3	6	0	0	3	5	1	0	6	0	3	1	5	4	3	0	4	2
19	0	4	0	2	3	0	4	7	8	***	4	5	3	4	4	4	5	6	4	3	3	4	6	3	4
20	3	2	4	8	11	12	16	12	***	8	6	6	6	6	3	5	6	4	6	4	7	10	12	9	7
21	10	10	12	16	13	14	16	28	***	7	6	5	4	7	5	5	2	3	0	2	0	0	1	4	7
22	0	0	4	0	0	3	8	5	4	5	5	4	4	4	2	5	3	2	4	5	4	3	2	2	3
23	2	1	7	2	7	6	6	4	6	2	1	0	0	0	0	0	2	0	3	4	2	3	4	6	3
24	10	9	8	7	3	4	8	0	3	4	5	3	3	2	2	0	1	2	4	4	4	3	4	2	4
25	1	1	0	0	3	5	5	5	4	***	1	0	0	4	2	4	2	1	2	***	5	1	4	0	2
26	8	12	5	0	7	6	8	22	24	***	***	***	***	3	5	3	2	2	3	2	4	2	5	3	6
27	8	7	8	2	8	8	12	9	9	7	6	4	2	5	5	5	5	3	7	10	0	3	0	3	6
28	0	0	2	3	3	2	4	0	6	5	2	0	3	1	3	4	0	4	4	3	5	6	6	5	3
29	9	8	3	10	10	12	12	19	***	***	3	5	4	4	3	3	2	3	2	2	0	2	2	5	6
30	3	2	2	4	4	4	4	1	4	3	3	3	2	4	2	5	5	6	4	3	0	0	0	0	3
MEAN	4	4	3	3	4	5	6	6	5	3	4	3	3	3	3	3	2	3	3	4	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - DEC 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	3	3	3	4	6	6	7	7	7	7	10	6	6	8	4	6	5	5	3	3	5
2	1	1	0	0	0	1	2	3	3	4	***	6	3	2	0	0	0	0	2	5	7	5	6	3	2
3	2	2	3	1	0	2	2	3	2	1	1	2	3	2	3	5	4	4	4	4	5	6	8	10	3
4	5	13	4	0	3	5	5	4	4	3	2	2	3	2	3	3	4	3	2	3	2	2	2	2	3
5	2	0	0	0	0	2	2	2	3	5	5	3	4	3	3	3	3	4	3	2	3	2	2	3	2
6	2	3	2	3	5	6	6	8	10	9	6	6	6	5	5	5	5	6	4	4	3	3	3	4	5
7	3	3	3	2	4	4	7	9	6	5	3	3	3	2	2	3	3	3	3	4	6	6	6	5	4
8	6	6	7	8	9	10	11	14	14	12	0	11	6	6	4	5	7	6	4	4	3	3	3	3	7
9	2	1	1	1	***	2	3	20	21	3	2	3	2	1	2	0	0	0	0	0	3	2	0	0	3
10	3	2	2	15	4	2	4	3	3	4	3	4	5	4	2	2	0	0	0	1	2	2	2	2	3
11	2	0	2	3	1	4	2	6	7	8	7	8	6	7	5	5	8	10	9	7	12	7	7	6	6
12	6	4	4	4	4	4	5	7	6	5	4	***	8	4	6	5	4	4	3	3	2	4	4	3	4
13	4	5	5	5	5	3	4	3	4	3	4	***	4	5	3	3	2	3	2	1	0	0	0	0	3
14	0	0	0	0	0	0	3	5	6	7	***	8	2	2	2	3	3	3	3	-	-	-	-	-	3
15	-	-	-	-	-	-	-	-	-	-	4	5	1	4	5	5	3	3	2	4	4	5	4	5	4
16	3	5	4	4	4	5	6	7	7	9	9	9	7	5	3	6	4	7	28	8	6	5	6	6	7
17	3	4	2	0	0	0	0	0	0	3	2	1	0	2	0	0	0	0	0	0	0	2	0	0	1
18	1	0	1	0	1	3	6	11	8	8	7	7	6	4	3	4	2	3	3	3	3	5	3	4	4
19	4	0	3	6	6	4	6	9	8	7	5	6	4	4	3	4	7	8	6	5	3	4	4	4	5
20	4	5	4	3	3	4	2	2	2	9	3	3	3	4	5	5	4	4	4	3	3	3	3	6	4
21	4	3	0	0	0	2	2	2	4	3	2	5	2	5	3	4	5	5	4	3	3	2	2	3	3
22	3	2	1	1	1	2	4	4	7	7	5	3	3	6	5	3	2	2	2	4	2	2	2	0	3
23	0	0	0	0	0	1	1	0	2	4	3	3	2	3	2	1	0	3	5	5	13	14	15	25	4
24	26	25	10	4	3	2	0	1	2	3	3	4	4	4	3	3	2	3	4	3	2	3	3	3	5
25	3	3	5	2	2	4	3	3	2	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	0	1	2	2	3	4	2	2	1	1	2	0	2	0	1	1	1	2	1
27	2	1	0	0	0	1	3	3	-	***	5	4	3	7	0	3	3	1	2	0	1	3	1	2	2
28	2	2	3	2	4	5	8	7	13	10	7	5	6	6	0	7	5	5	7	7	10	14	11	6	6
29	11	9	8	5	7	5	6	11	13	11	14	-	-	-	2	0	0	1	8	3	1	1	0	0	6
30	0	0	0	0	2	2	2	2	5	4	3	3	2	3	3	4	5	4	6	6	6	6	6	7	3
31	10	12	9	7	7	6	7	6	8	7	8	5	6	5	4	4	3	4	3	3	4	3	2	-	6
MEAN	4	4	3	3	3	3	4	5	6	6	5	5	4	4	3	3	3	3	4	3	4	4	4	4	3.9

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.4	10	22
FEB	28	4.9	8	20
MAR	31	4.8	10	24
APR	30	3.3	8	15
MAY	28	5.0	10	19
JUN	28	4.6	9	18
JUL	31	3.7	7	16
AUG	31	4.5	9	24
SEP	30	3.5	7	28
OCT	29	4.9	10	21
NOV	28	5.7	18	35
DEC	30	3.9	7	28
YEAR	354	4.4	18	35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - NE NO 77016														MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	2	2	0	0	1	3	2	1	0	7	2	0	2	4	4	7	9	12	11	13	11	8	4
2	6	4	3	2	2	3	2	5	4	4	2	3	3	7	8	5	8	8	9	12	8	7	7	5	5
3	8	5	2	1	0	0	1	3	3	3	2	0	2	2	2	3	3	5	7	16	7	5	5	5	4
4	9	5	5	3	5	4	5	6	8	12	10	....	....	3	3	2	6	3	4	4	2	3	2	2	5
5	2	2	3	3	1	2	0	2	1	2	2	3	2	2	2	2	0	0	1	1	0	0	0	0	1
6	2	0	0	0	0	0	0	2	2	2	0	0	1	1	2	0	2	1	0	0	2	1	1	2	1
7	0	0	1	2	0	0	1	1	2	1	2	1	2	2	2	1	0	0	0	0	2	0	1	1	1
8	0	0	0	0	0	1	0	2	2	1	1	2	1	2	0	0	2	0	0	1	0	0	0	0	1
9	2	0	1	0	2	0	0	1	1	1	2	3	4	2	0	0	0	2	1	0	0	3	3	4	1
10	3	5	4	3	3	3	2	5	6	6	4	....	....	0	0	1	1	1	4	5	5	9	11	8	4
11	5	2	1	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
12	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	2	0	2	1	0	0	1	0	0	0	2	1	2	1	2	1	1	1
14	1	1	3	3	2	2	2	4	5	4	4	5	3	2	0	0	0	1	2	3	2	3	4	4	3
15	5	3	5	2	3	3	3	6	4	3	0	0	1	2	3	3	3	3	3	3	3	2	3	3	3
16	3	3	3	3	3	3	2	6	4	3	2	2	1	0	1	1	2	1	2	2	2	2	2	2	2
17	3	3	4	0	2	2	2	2	2	2	1	2	2	3	2	2	2	0	2	2	2	0	2	0	2
18	0	2	1	0	1	....	0	2	0	0	2	0	0	0	0	0	0	1	2	3	2	3	1	0	1
19	0	0	0	1	0	2	0	2	2	3	2	1	1	0	0	1	3	2	6	8	13	12	10	15	4
20	15	11	11	10	8	5	5	7	11	13	13	7	18	13	7	5	4	4	6	14	11	5	4	2	9
21	2	3	2	2	2	0	2	2	2	1	0	2	0	1	0	0	2	3	2	3	1	0	0	0	1
22	0	0	0	2	0	0	0	0	0	0	2	....	0	0	0	0	1	2	2	....	....	0	0	0	0
23	0	0	1	2	2	2	2	3	4	4	3	2	1	2	1	2	2	2	2	1	2	0	0	0	0
24	1	0	0	1	2	0	0	2	2	0	1	....	....	2	1	2	2	2	2	4	5	4	2	2	2
25	0	0	0	1	1	0	0	1	0	1	0	0	0	0	1	1	2	2	2	4	2	1	2	2	1
26	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
27	0	0	0	0	0	0	7	6	5	3	1	0	1	0	0	2	0	0	2	0	0	0	0	0	1
28	3	5	3	1	0	0	0	1	2	1	3	0	1	....	0	0	0	2	3	7	6	4	2	2	2
MEAN	3	2	2	2	1	1	1	3	3	3	2	2	2	2	1	1	2	2	3	4	3	3	3	2	2.2

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - NE NO 77016															MONTH - MAR 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	1	2	1	2	2	2	2	2	1	2	0	0	0	1	3	2	7	3	3	3	0	2
2	0	1	0	1	2	1	0	3	7	5	3	1	0	2	0	-	0	0	0	1	0	0	0	0	1
3	2	0	1	0	0	2	2	3	3	3	3	3	3	2	2	1	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4	4	3	3	0	1
5	2	2	1	3	2	2	0	3	2	2	2	0	1	0	0	0	0	0	0	0	0	0	2	0	1
6	0	0	0	2	1	1	0	0	2	1	3	0	2	2	0	0	0	2	0	1	2	2	1	0	1
7	2	0	0	0	0	2	0	2	3	0	2	0	0	0	1	0	0	2	3	4	4	3	0	11	2
8	10	10	0	4	4	1	3	3	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	0	1	2	0	0	0	3	2	2	0	2	0	1	0	0	0	0	2	2	2	2	2	3	1
10	1	1	0	0	0	0	0	0	1	....	2	0	0	2	2	1	1	2	4	4	3	6	5	4	2
11	3	2	0	0	1	0	1	1	0	2	2	1	1	1	1	0	0	2	0	0	1	2	0	2	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
13	0	0	0	1	4	2	1	3	4	2	0	3	0	0	0	0	0	0	0	0	3	2	3	2	1
14	0	2	0	2	0	0	1	3	2	2	2	1	2	0	2	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	1	0	0	....	2	0	1	0	0	0	2	5	6	5	4	4	1
16	4	3	....	....	....	....	2	4	5	3	2	2	2	0	1	0	0	0	2	5	6	4	4	4	1
17	3	3	2	2	3	2	3	5	6	5	0	3	4	3	2	1	0	0	2	0	1	0	0	0	2
18	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	1	2	1	2	1	2	1	1	1
19	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1
20	2	1	2	5	6	9	4	6	8	5	4	1	2	0	1	0	0	0	1	0	1	0	2	2	0
21	2	2	0	0	1	1	2	3	3	0	3	0	2	0	2	1	1	2	1	0	0	0	1	2	1
22	0	2	1	1	0	3	2	5	6	5	6	5	3	4	1	0	3	2	2	2	1	1	1	0	2
23	2	1	0	2	0	0	2	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	1	2	1	0	0	0	2	1	2	3	3	2	2	2	0	1
25	2	2	0	0	3	1	4	4	2	3	5	3	3	2	2	2	2	2	1	2	3	3	2	2	2
26	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0
27	0	0	0	0	0	2	1	1	2	2	1	0	1	0	2	0	0	1	1	0	1	0	2	0	1
28	0	2	0	0	0	1	2	2	2	2	2	3	0	0	2	0	0	0	0	0	0	0	0	2	1
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	1	1	0
30	2	4	0	1	3	3	5	6	4	3	2	1	2	0	0	0	1	2	0	1	0	1	0	1	2
31	2	1	2	0	2	3	....	....	2	2	0	....	0	-	-	2	1	2	0	1	0	-	0	0	1
MEAN	1	1	0	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2	1.3

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. .... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. .... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - JUN 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	2	1	0	0	0	0	0	2	0	
2	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
4	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0
5	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	0	0
6	0	0	0	0	2	1	0	0	1	0	1	2	1	2	2	-	2	1	2	2	2	3	3	2	1
7	1	2	2	2	2	2	3	3	2	3	2	4	3	2	4	3	3	2	3	1	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	3	4	0	0
9	0	0	2	2	2	2	0	0	0	1	3	0	0	0	0	0	0	0	0	0	1	1	1	0	1
10	2	4	3	4	3	4	0	3	0	0	0	0	0	0	1	1	0	2	3	3	3	3	3	2	2
11	2	2	0	2	1	2	2	1	2	2	3	2	0	2	2	1	1	2	2	2	2	1	2	2	2
12	3	4	3	4	3	2	3	3	2	2	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
15	0	0	2	0	0	0	1	0	0	2	1	0	0	0	1	1	0	1	0	0	0	2	1	2	1
16	0	2	2	2	2	1	2	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	1	1	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	2	4	2	1	2	3	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0	1
19	0	2	0	0	2	0	0	2	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0
20	0	0	0	2	3	3	1	2	3	3	2	2	0	1	1	0	1	0	1	0	0	0	0	1	1
21	2	0	2	1	4	3	2	1	1	2	2	2	0	2	2	2	0	0	0	0	0	0	0	0	1
22	2	0	0	0	0	1	0	2	0	0	2	0	0	2	0	0	0	0	1	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
24	0	2	1	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
25	0	0	2	1	0	0	0	0	0	1	2	2	2	2	2	2	3	2	3	2	2	2	1	1	1
26	0	1	2	2	2	1	2	4	4	3	0	0	0	2	2	3	2	1	2	0	0	0	0	2	2
27	0	0	2	2	0	3	0	3	2	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1
28	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	1	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - JUL 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	2	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	2	0	1
6	0	0	0	2	2	2	2	3	3	3	0	2	3	3	3	2	3	2	1	2	3	3	3	0	2
7	0	2	3	2	0	2	5	4	3	5	0	2	2	2	0	2	2	2	2	2	3	3	4	3	2
8	3	3	4	4	3	0	2	4	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	2	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
11	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0
12	0	0	0	0	1	3	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	1	2	2	2	1	0	0	2	3	2	3	1	0	1	0	0	0	0	2	0	1
14	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
18	0	0	0	2	3	2	2	2	0	2	0	1	0	2	2	2	2	2	3	2	4	4	3	3	2
19	2	1	0	1	1	2	4	3	0	4	0	3	2	2	3	2	2	3	1	3	3	3	4	3	2
20	4	6	0	0	0	0	2	3	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	1	2	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	2	2	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0	0	0	1	0	1	0	0	0
26	1	0	0	0	2	2	3	3	3	3	2	2	2	2	2	1	1	0	0	0	2	0	2	0	1
27	0	0	0	0	0	1	0	2	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. \*\* INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77016		ASH ST WATER TANK, SUDBURY												MONTH - AUG 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	8	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	2	1	3	2	2	0	0	1	2	2	2	2	3	2	2	2	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
7	0	0	0	0	0	0	2	2	1	3	1	0	0	0	0	0	0	1	0	0	0	2	0	1	1
8	1	2	2	3	2	4	6	4	2	2	2	1	2	0	2	0	0	2	2	3	2	1	2	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	7	3	2	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	1
12	0	1	0	2	3	4	4	2	1	1	0	0	0	2	0	2	2	2	2	2	2	3	2	2	2
13	2	2	2	2	2	3	2	0	2	2	2	0	2	1	0	1	0	0	0	1	2	0	3	1	1
14	0	0	0	0	0	0	1	2	2	0	0	3	2	3	0	2	0	2	1	2	1	2	1	1	2
15	1	2	2	1	2	5	4	4	3	2	3	2	2	1	2	2	2	2	1	2	0	2	1	1	2
16	1	0	1	1	2	2	2	3	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0
18	2	2	1	2	3	1	3	3	2	1	0	0	0	0	0	0	0	0	0	2	2	2	0	1	1
19	0	1	2	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	2	0	1	1	2	1	0	0	2	2	3	3	2	2	2	2	3	2	2	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	1	1	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0.5

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77016		ASH ST WATER TANK, SUDBURY												MONTH - SEP 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	0	0	3	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	2	3	2	2	2	3	2	2	2	2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	2	2	2	3	3	1	3	2	3	2	1	0	2	0	0	0	0	1
7	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	0	0	0	2	0	2	0	1	0
8	0	0	1	0	0	0	2	5	4	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	1	0	0	0	0	0	0	0	0
11	0	0	2	1	2	2	2	2	3	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
13	0	0	0	0	0	0	2	1	1	0	2	0	0	0	2	0	2	2	0	1	1	2	0	0	1
14	0	0	0	0	0	0	0	0	0	1	2	2	2	3	2	2	2	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	0	0
16	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4	3	5	3	2	0	1
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1
18	0	0	2	0	0	1	0	2	2	0	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1
19	0	0	1	0	0	2	0	2	2	2	0	0	0	2	0	1	0	2	7	0	0	0	0	0	0
20	1	0	0	0	1	3	5	5	5	4	2	2	3	2	3	2	2	2	2	2	2	1	0	0	2
21	0	0	0	0	0	0	0	3	0	0	0	2	1	0	0	0	0	0	3	2	0	2	0	3	1
22	1	2	0	0	2	2	4	7	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	0
23	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
24	1	0	0	0	0	0	1	1	0	2	0	0	0	6	1	2	2	0	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	3	2	2	0	1
26	0	2	0	0	0	0	3	4	3	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	1
27	0	0	2	2	2	0	0	0	3	0	1	0	3	2	0	1	0	0	0	2	0	0	0	1	1
28	0	0	0	0	2	0	0	2	2	0	0	0	1	0	0	0	0	3	0	0	2	0	2	0	1
29	0	0	0	0	3	5	0	4	3	7	3	1	0	0	0	0	0	0	0	0	2	2	2	2	4
30	2	0	1	0	0	2	0	3	0	2	2	4	3	2	4	10	11	4	5	4	2	2	2	2	4
MEAN	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0.8

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77016		ASH ST WATER TANK. SUDBURY												MONTH - OCT 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	3	2	0	0	3	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	1
2	0	2	0	1	0	2	3	5	7	2	3	2	0	0	0	2	1	2	0	***	3	3	3	0	2
3	0	2	0	0	2	2	2	4	3	3	3	4	0	2	0	2	0	2	2	0	3	0	2	2	2
4	0	3	1	0	2	0	1	3	1	0	0	3	1	0	0	2	0	0	0	2	0	1	3	0	1
5	1	3	0	2	0	3	4	6	4	2	5	2	3	1	4	3	1	2	3	2	2	3	3	3	1
6	0	0	4	5	3	4	0	5	3	2	3	0	0	0	2	0	0	3	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4	0	3	2	1
9	2	0	3	4	3	3	4	0	***	***	***	0	1	0	2	0	3	0	3	0	3	0	2	2	2
10	0	3	2	0	2	3	6	7	3	2	3	0	3	4	1	5	0	***	8	2	3	5	5	4	3
11	7	6	3	5	6	9	8	8	5	2	4	2	4	0	3	5	3	2	5	4	0	5	0	4	4
12	0	7	3	1	3	0	0	3	2	2	0	3	0	3	0	2	0	1	0	2	0	1	0	0	1
13	0	0	0	0	0	3	0	0	3	0	7	0	0	0	0	0	0	0	0	1	3	2	3	3	1
14	2	0	0	0	2	0	0	2	1	0	2	0	0	0	0	0	0	0	0	3	0	2	0	2	1
15	2	3	4	4	4	4	2	3	0	0	2	0	0	0	0	0	0	0	0	3	1	0	7	2	3
16	4	2	0	0	2	1	3	4	3	1	0	4	0	0	0	0	0	0	2	4	5	4	2	5	2
17	2	3	0	2	2	2	8	4	1	0	4	0	0	0	0	0	0	0	3	1	0	2	0	2	2
18	4	0	0	0	0	1	5	4	2	2	2	6	4	0	2	0	3	0	0	1	0	2	0	2	2
19	6	1	0	0	3	2	2	3	2	0	3	2	3	4	3	4	0	4	0	4	0	3	2	2	2
20	0	3	0	3	0	5	5	0	3	8	0	3	0	0	0	0	0	0	2	2	2	3	2	4	2
21	4	3	2	3	2	5	8	11	12	9	3	4	4	2	4	3	4	1	6	5	7	6	6	6	5
22	5	4	4	4	***	***	2	3	3	4	2	3	4	0	5	0	4	0	2	0	0	0	3	0	2
23	0	0	2	0	7	8	6	4	4	***	0	0	3	3	0	0	3	0	0	0	1	0	3	2	2
24	2	1	3	3	3	5	7	4	3	3	2	2	0	2	0	4	0	4	0	1	5	1	0	0	2
25	4	2	0	0	1	4	0	2	0	3	4	3	3	2	0	0	3	2	0	1	1	0	0	0	1
26	0	3	1	0	0	3	0	0	3	0	0	3	0	0	3	0	0	2	0	0	3	0	0	3	1
27	0	3	0	0	0	2	0	4	0	3	0	0	0	0	4	2	0	0	0	3	6	5	0	0	1
28	4	0	0	3	0	3	0	2	0	3	0	2	0	1	0	0	0	0	1	0	0	0	0	0	1
29	0	0	1	2	0	0	1	3	2	0	1	2	0	0	0	0	2	2	2	6	3	4	0	3	1
30	4	0	2	0	***	***	***	0	4	2	0	0	4	3	0	1	2	2	2	3	2	3	3	2	2
31	2	2	2	3	3	4	0	0	0	0	3	0	0	0	0	0	0	1	0	1	1	3	4	4	1
MEAN	2	2	1	2	2	3	2	3	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77016		ASH ST WATER TANK. SUDBURY												MONTH - NOV 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	2	2	0	2	0	0	4	0	4	0	0	0	1	0	1	3	2	3	4	1	0	0	1
2	3	0	0	3	0	1	4	2	3	5	0	0	1	0	2	0	2	0	10	4	0	6	6	10	3
3	7	5	7	10	4	4	6	3	6	3	2	4	3	4	2	5	5	3	5	6	11	8	9	8	5
4	1	7	7	6	5	5	5	5	5	4	4	3	2	0	3	0	3	0	3	0	3	3	3	2	4
5	1	0	3	3	0	0	0	1	5	8	7	6	7	7	7	4	8	6	4	7	6	2	4	1	4
6	0	0	0	0	0	0	0	0	2	0	0	2	2	0	1	2	0	0	2	0	0	0	2	0	1
7	0	1	0	0	0	0	0	1	1	0	1	0	2	0	0	0	0	0	4	3	0	3	3	0	1
8	2	1	0	0	0	0	1	3	2	0	2	3	0	0	1	0	2	0	0	1	5	1	0	1	1
9	0	0	0	0	0	0	0	3	9	6	2	3	0	0	1	0	2	0	0	1	1	5	1	0	1
10	0	2	2	0	0	2	0	0	2	0	0	0	3	1	1	0	0	0	0	0	0	1	1	2	1
11	0	3	2	0	3	3	0	0	2	2	3	1	0	2	3	1	0	0	0	2	3	3	2	0	1
12	5	3	2	0	0	0	0	0	0	0	0	0	3	0	1	1	2	3	4	3	4	3	2	2	2
13	3	0	0	0	0	1	1	0	2	2	2	2	2	0	2	2	2	2	2	2	3	3	4	4	2
14	4	0	4	0	0	0	0	0	0	1	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	5	3	3	3	3	4	3	2	2	2	2	0	1	1
18	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	1	1
19	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	3	1	0	***	0	0	0	0	0	0	0	3	0	0
21	0	0	3	2	4	1	3	2	4	2	2	0	1	1	0	1	0	2	2	2	2	0	0	2	2
22	2	0	2	3	2	0	3	7	9	8	5	2	0	0	1	2	2	2	2	2	2	0	0	2	3
23	0	0	2	4	2	0	2	2	3	3	4	3	4	4	3	3	3	2	2	2	2	2	3	2	2
24	3	3	2	1	2	1	2	4	2	3	2	0	1	0	4	1	0	0	0	0	0	0	0	1	1
25	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0	0	0	2	3	3	2	3	0	1
27	2	0	0	0	0	0	0	2	2	2	0	***	0	1	0	0	0	2	2	1	1	2	1	0	1
28	0	0	0	0	0	0	0	1	1	2	0	1	1	2	2	4	3	4	2	2	2	2	0	1	1
29	2	0	1	2	0	0	2	0	0	2	0	0	3	1	0	2	3	2	2	2	2	1	0	0	1
30	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	5	8	8	4	4	4	2	2
MEAN	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - DEC 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	0	1	2	2	2	2	2	2	2	0	2	0	2	1	3	0	0	4	3	5	0	0	2
2	2	2	3	5	6	3	0	2	4	0	0	0	0	0	0	0	0	2	4	3	4	5	6	3	2
3	5	5	2	0	2	1	0	0	0	0	2	0	2	3	0	0	2	0	1	0	0	2	2	0	1
4	0	1	2	2	3	3	0	3	7	1	2	2	2	0	1	3	0	1	1	0	0	0	0	0	1
5	0	0	2	0	0	0	0	1	2	3	4	3	1	1	0	2	1	0	0	0	1	0	0	0	1
6	0	0	0	1	2	0	0	2	1	0	4	1	1	2	3	3	2	2	2	0	0	2	0	2	1
7	5	3	6	7	7	6	7	7	9	8	4	2	2	1	2	2	0	0	1	2	2	0	0	0	3
8	0	1	0	0	2	0	4	0	2	0	2	0	0	0	0	0	3	3	4	4	2	2	2	3	1
9	3	3	4	3	****	3	0	3	4	4	3	0	1	2	0	0	1	2	0	0	0	0	0	0	2
10	0	0	3	2	1	0	0	0	0	2	0	2	0	0	0	0	1	2	0	2	4	4	0	0	1
11	0	0	0	2	3	2	0	2	3	4	3	3	0	0	0	2	3	5	4	6	2	3	3	2	2
12	3	1	2	2	2	3	0	3	0	1	2	2	2	2	2	2	3	2	2	1	2	2	1	2	2
13	2	2	2	2	2	2	2	3	3	3	1	0	1	0	0	0	2	0	0	0	0	0	0	0	1
14	1	3	0	0	0	0	0	4	9	4	3	4	2	3	4	3	3	3	3	3	3	3	3	3	3
15	-	-	-	-	-	-	-	-	-	12	7	0	5	5	3	3	2	1	0	3	0	0	2	2	****
16	0	0	0	0	0	0	0	2	3	3	9	6	3	3	2	4	3	3	3	5	5	2	3	2	3
17	2	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2	0	0	1	0	0	1	0	0
18	0	8	3	1	1	2	0	2	2	1	0	0	1	2	0	0	1	2	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	2	1	4	2	3	0	0	0	2	9	3	4	2	2	2	0	2	2
20	2	0	0	0	0	0	0	0	2	2	1	3	0	0	2	1	1	2	2	4	4	2	3	2	1
21	1	0	0	0	0	0	0	3	2	0	0	0	2	0	0	0	4	3	2	4	3	3	5	7	2
22	4	2	2	2	0	0	2	3	4	3	5	4	4	4	2	1	1	2	0	0	2	0	0	0	0
23	1	0	0	0	3	1	2	3	5	3	2	7	2	1	2	0	2	0	1	4	5	6	5	15	3
24	9	3	5	0	0	2	0	2	0	0	2	1	2	2	2	3	2	2	2	2	2	2	2	1	2
25	2	0	2	0	1	1	2	3	2	2	2	2	2	2	2	2	6	0	2	0	0	1	0	1	2
26	0	0	1	0	1	0	0	0	0	0	0	0	1	1	2	4	14	4	3	0	2	2	3	0	2
27	2	0	1	0	7	2	2	2	3	****	5	3	2	2	0	0	3	3	0	3	6	2	2	2	2
28	5	3	0	2	2	0	0	3	3	5	4	2	0	2	3	4	7	11	12	13	11	8	9	9	5
29	8	5	3	4	6	3	2	2	4	3	2	-	-	-	2	2	2	3	2	0	0	2	0	3	3
30	1	2	1	2	0	0	0	0	1	0	2	3	0	2	2	1	3	0	2	3	1	2	2	2	1
31	3	3	2	3	2	1	0	0	0	0	0	2	0	2	0	0	0	1	1	2	0	1	2	-	1
MEAN	2	2	2	1	2	1	1	2	3	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.2	5	19
FEB	28	2.2	9	18
MAR	31	1.3	3	11
APR	30	0.7	2	8
MAY	31	1.4	4	9
JUN	30	0.8	3	5
JUL	31	0.6	2	6
AUG	31	0.5	2	8
SEP	30	0.8	4	40
OCT	31	1.7	5	12
NOV	30	1.4	5	11
DEC	30	1.8	5	15
YEAR	364	1.3	9	40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CON:STON										MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	2	2	1	4	2	3	2	4	5	6	0	0	0	5	2	3	4	7	6	8	8	8	5	4		
2	2	1	3	3	3	3	1	3	5	7	3	5	4	0	2	2	3	8	5	7	4	7	4	4	4		
3	3	4	2	0	0	0	2	2	3	5	0	0	2	3	1	3	2	3	4	7	5	7	7	4	3		
4	10	5	3	4	3	0	4	5	7	5	6	5	4	2	3	5	7	3	2	3	0	3	1	0	2		
5	0	0	0	1	3	0	0	6	6	5	6	4	2	1	1	2	0	0	0	0	1	0	0	0	2		
6	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0		
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	1	1	1	2	1	1	4	5	3	2		
9	4	4	3	2	3	1	3	4	4	3	3	3	2	2	4	3	3	5	0	2	0	0	2	4	3		
10	2	4	3	3	5	3	3	3	3	3	2	5	1	2	1	1	0	0	4	6	3	4	3	3	3		
11	4	3	1	1	2	1	0	0	0	1	0	0	0	0	2	3	2	3	7	3	2	2	0	0	2		
12	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	2	2	0	2	0	0	0	0	0	0		
13	0	0	0	0	0	0	0	0	0	2	1	0	1	0	2	2	2	1	0	2	0	2	1	3	1		
14	0	1	0	0	0	0	2	3	4	10	9	8	5	3	3	1	2	1	2	2	1	3	3	4	2		
15	0	2	1	0	2	0	0	0	1	0	3	1	2	2	0	2	2	3	1	1	1	1	1	3	1		
16	3	2	2	2	3	3	2	3	7	3	2	2	2	2	2	3	1	0	0	2	2	2	2	2	2		
17	2	2	2	2	0	0	0	3	2	5	0	0	1	0	2	1	2	3	4	13	7	5	5	10	3		
18	0	1	2	1	0	5	0	1	0	2	2	3	0	3	3	0	2	2	3	3	5	7	7	6	4		
19	4	4	7	3	3	2	3	7	8	2	2	0	2	2	3	4	4	5	6	4	9	6	5	2	3		
20	5	3	3	4	2	1	1	1	1	5	2	0	2	3	3	4	4	5	6	4	9	6	5	2	3		
21	0	0	0	0	0	0	0	1	6	3	0	0	0	2	0	0	2	3	4	5	2	2	3	3	2		
22	3	3	2	0	0	0	0	2	2	0	1	1	2	0	0	2	2	0	1	5	2	2	2	3	2		
23	3	3	2	1	1	2	3	2	3	2	3	2	2	0	2	2	0	0	3	2	3	1	2	3	2		
24	2	3	3	3	2	0	0	1	3	1	0	5	5	0	0	0	0	3	2	2	0	2	0	0	1		
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3	3	6	6	6	6	7	2		
26	2	4	2	0	0	0	0	1	1	2	0	0	0	0	0	1	2	2	1	1	0	0	0	0	1		
27	0	0	0	0	0	1	0	2	2	2	1	2	3	0	2	0	0	2	3	0	1	3	2	1	1		
28	1	0	2	2	0	0	0	0	0	1	2	0	0	5	0	0	0	0	0	5	4	3	2	0	1		
MEAN	2	2	2	1	1	1	1	2	3	2	2	1	1	1	1	2	1	2	2	3	3	3	2	3	1.9		

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - NE NO 77028					GOVERNMENT/EDWARD ST CONISTON										MONTH - MAR 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	1	0	2	0	0	2	1	1	0	0	0	0	2	3	2	2	4	5	4	7	4	4	2	3
2	4	2	2	2	3	2	3	5	5	5	3	3	3	2	2	3	0	1	0	2	3	4	2	2	2	3
3	2	0	0	1	2	0	0	3	3	3	0	1	2	3	3	1	0	2	5	6	7	13	7	9	4	3
4	1	0	0	0	0	0	3	6	5	3	8	1	1	2	2	2	0	0	4	3	1	4	3	4	4	4
5	7	9	9	6	4	4	5	8	9	9	8	6	3	2	1	2	1	2	4	3	6	6	5	4	5	5
6	5	3	5	5	4	4	5	4	4	2	0	0	0	0	1	0	2	1	3	6	3	4	5	3	4	2
7	3	5	3	3	3	4	4	6	8	9	7	0	0	0	0	0	0	0	0	0	2	3	2	3	2	3
8	4	3	3	3	3	3	4	4	6	8	9	7	0	0	0	0	0	0	0	0	2	3	2	3	2	3
9	2	1	1	1	2	0	0	0	2	2	1	2	2	2	2	2	0	2	1	3	2	2	2	3	2	2
10	5	3	0	0	0	0	0	0	0	5	2	0	0	1	0	2	1	2	2	3	4	3	5	5	2	2
11	4	5	5	4	3	3	2	2	2	3	2	3	2	2	2	0	2	2	3	2	3	2	1	2	3	3
12	2	3	0	0	0	0	3	6	6	3	6	3	2	3	2	0	0	2	0	2	0	0	1	0	0	1
13	2	1	0	1	1	0	0	2	1	6	0	0	1	0	2	2	2	1	0	3	2	0	2	1	1	1
14	0	5	3	1	0	1	5	13	6	3	7	3	3	2	3	2	2	2	1	0	1	0	0	0	0	0
15	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	2	3	3	2	3	6	6	5	8	9	2
16	8	3	5	5	5	5	2	3	0	2	1	0	2	0	4	3	3	2	3	2	0	1	0	0	0	0
17	0	0	1	2	1	2	2	5	17	1	5	1	5	0	2	2	3	2	2	2	2	2	2	1	1	1
18	2	1	2	1	1	2	3	3	2	1	1	2	0	2	1	0	0	2	2	3	3	4	5	10	2	2
19	2	3	2	2	0	2	2	1	0	0	0	0	0	2	1	0	0	2	2	3	3	4	5	10	2	2
20	7	4	4	4	5	5	6	7	8	4	3	2	2	1	1	2	1	1	0	1	1	3	3	3	3	3
21	3	4	3	1	2	0	1	2	1	2	1	0	0	2	2	2	1	1	3	2	2	2	2	2	2	2
22	2	3	2	2	3	4	6	6	7	7	4	3	4	3	2	2	2	0	0	1	2	0	0	3	3	3
23	3	3	3	1	3	3	2	2	2	3	0	0	0	2	0	2	2	2	0	0	0	0	2	2	2	1
24	2	1	2	2	0	1	2	1	1	1	0	1	2	0	2	2	2	2	2	5	4	4	5	5	2	2
25	3	3	2	3	4	5	3	6	4	3	2	0	2	2	2	2	3	3	2	3	3	3	2	2	3	3
26	0	2	0	0	0	2	1	2	2	0	0	0	0	1	0	0	2	1	0	0	1	0	0	2	2	1
27	1	3	3	0	1	0	1	3	0	1	1	0	0	2	2	2	2	2	3	5	3	2	2	2	2	1
28	0	0	0	3	3	2	3	3	3	2	2	0	4	0	0	0	3	1	0	0	0	0	1	7	7	2
29	2	0	2	0	0	0	0	2	0	0	2	2	0	0	0	0	3	1	2	3	2	2	3	2	3	3
30	4	5	4	5	6	7	7	6	5	2	1	0	2	1	2	0	0	0	0	1	2	3	2	3	3	3
31	3	3	2	2	3	2	5	5	1	5	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1
MEAN	3	3	2	2	2	2	2	4	4	3	2	1	2	1	2	2	2	1	2	2	2	3	3	3	2.2	2.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - NE NO 77028															MONTH - APR 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	0	3	3	3	3	3	2	3	2	2	0	0	0	1	1	2	0	0	0	
2	0	0	0	1	0	0	0	0	2	0	0	0	0	1	2	2	2	7	10	7	6	8	4	2	2
3	2	4	0	0	0	2	0	0	0	3	0	0	2	0	0	0	0	0	1	0	0	0	1	2	1
4	1	2	0	1	4	2	0	3	3	6	2	3	9	7	8	6	5	1	2	1	2	2	0	5	3
5	0	0	0	0	1	2	2	3	3	1	1	2	2	0	0	0	1	0	1	2	1	2	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
7	0	0	0	0	0	1	1	0	0	0	2	0	2	2	2	0	1	1	0	0	0	0	0	0	1
8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
9	1	2	0	2	0	1	1	0	0	0	0	0	0	2	3	5	3	2	1	3	5	7	0	-	2
10	0	1	0	0	0	0	0	0	0	0	3	1	0	0	1	0	1	0	0	0	0	0	0	0	1
11	0	0	-	----	0	2	1	2	-	0	-	2	4	2	0	0	0	0	0	0	0	0	0	0	1
12	-	2	0	0	0	0	1	0	0	0	-	----	0	0	0	-	----	0	1	1	0	3	3	0	1
13	3	0	0	0	0	1	2	4	4	2	2	1	2	2	0	0	5	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	0	1	1	1	0	2	0	1	1
15	1	0	0	0	0	0	1	0	1	1	0	0	1	2	2	----	0	0	0	1	0	0	0	1	0
16	1	2	0	1	0	0	-	0	0	0	0	-	0	2	0	-	0	0	1	0	-	4	4	-	1
17	----	----	-	0	-	----	0	1	1	1	1	2	-	0	1	0	-	----	0	0	3	----	0	1	----
18	3	3	3	3	5	3	7	-	0	0	2	3	4	5	9	3	5	3	5	0	0	1	0	2	3
19	3	2	1	2	3	6	7	6	7	2	2	2	2	3	3	7	7	7	4	0	0	0	0	0	3
20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0
22	1	2	2	1	2	1	1	1	1	1	2	1	2	2	2	2	0	0	0	0	0	0	0	7	1
23	3	4	7	6	5	5	3	2	2	3	3	3	2	2	2	0	0	0	0	0	0	0	0	0	2
24	0	0	1	0	1	0	0	2	0	1	----	2	2	2	2	2	0	3	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	1	2	2	3	3	2	2	2	2	3	4	4	5	5	1	0	0	2
26	0	4	7	2	2	-	3	3	3	----	6	4	3	3	3	3	4	3	6	3	0	0	0	4	3
27	2	1	4	-	1	3	4	6	10	----	-	3	----	4	7	----	2	0	5	4	0	0	0	0	3
28	2	0	0	0	2	3	5	12	5	----	5	4	2	3	2	1	0	-	----	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
30	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	1	1	2	1	1	1	0	1	1.2

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - NE NO 77028															MONTH - MAY 78										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	2	----	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	1	0	2	2	2	2	1	0	0	0	0	0	0	0	0	0
3	2	0	1	1	0	2	2	2	0	1	1	1	1	2	----	----	0	0	0	0	0	1	0	0	2
4	3	2	0	0	0	2	3	0	0	1	1	2	2	2	3	2	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	2	3	----	3	2	2	1	1	0	0	0	0	2	0	0	0	3	2
6	2	1	0	0	0	0	8	2	3	4	5	5	6	3	4	5	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	4	3	8	7	16	11	13	10	6	10	9	5	3	0	0	0	0	1	0	0
8	0	0	0	0	0	3	2	2	0	2	2	2	1	2	1	2	3	2	2	2	0	0	0	0	4
9	2	2	1	2	2	2	5	6	3	2	0	----	0	0	0	0	0	0	0	0	0	0	0	2	1
10	1	3	0	0	0	0	0	0	0	----	0	0	0	2	2	2	1	2	0	0	0	0	0	0	1
11	0	4	0	1	0	0	4	5	3	3	3	3	3	3	3	3	3	3	2	2	3	2	2	0	2
12	0	2	2	2	2	3	2	2	2	6	5	3	3	3	3	3	3	3	1	1	0	0	1	1	2
13	0	2	2	2	3	4	3	4	3	3	4	3	4	3	2	2	0	2	0	0	0	0	0	0	2
14	1	0	0	0	0	0	0	0	3	1	0	2	3	0	0	0	1	1	1	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	2	3	2	2	0	1	1	1	0	0	0	0	0	1	0	0	1
16	0	0	0	0	0	0	1	0	1	1	2	2	2	2	2	0	3	2	2	0	----	0	0	0	1
17	0	0	0	0	0	0	2	2	2	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	1
18	0	2	1	0	1	3	5	5	4	4	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	2	2	2	3	2	3	0	0	0	0	0	0	3	2	1
20	0	2	2	3	3	3	3	3	3	4	2	3	0	3	3	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3	0	0	0	0	1	1	0
22	0	0	0	2	1	3	2	0	0	0	0	0	1	0	1	0	0	0	0	2	1	0	0	0	1
23	0	1	1	2	2	2	0	2	2	----	0	3	2	1	2	2	0	0	0	0	2	3	3	4	1
24	2	2	3	4	5	5	5	4	2	1	2	3	3	3	2	2	1	1	0	0	1	4	2	3	3
25	2	2	3	3	4	5	6	4	5	4	5	4	3	4	3	3	5	3	3	2	1	1	1	2	3
26	2	6	3	3	4	5	7	8	10	4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	4	5	5	4	3	4	5	3	3	4	3	3	4	4	3	2	3	3	3	3	3	3	2	4	3
31	3	3	2	2	2	2	2	2	4	2	2	1	2	4	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	2	2	3	3	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 88.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - AUG 78													MONTH - AUG 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	1	2	2	3	0	0	1
3	0	0	0	0	0	1	1	0	0	0	5	0	4	0	0	3	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	7	0	1
6	0	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
8	0	1	0	2	1	2	0	2	0	1	1	0	3	0	0	0	2	2	2	3	2	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	1	2	1	1	2	0	1	0	0	0	0	0	2	1	1	0	0	1	0	2	0	2	0	1
13	0	0	0	0	0	1	0	0	2	1	1	0	5	0	0	0	0	0	2	2	1	1	1	0	1
14	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	3	1	0	0	0	0	0
16	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	7	13	0	0	0	0	1
17	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0
18	2	2	0	1	2	2	0	0	0	0	3	16	2	0	0	0	0	1	0	2	1	1	2	1	2
19	1	1	1	5	0	0	1	2	2	0	0	0	1	0	0	0	-	-	-	0	0	0	0	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
22	0	0	0	2	0	2	0	0	0	0	2	5	2	3	3	2	2	3	3	3	2	0	0	0	2
23	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	2	0	
25	6	2	1	2	3	2	2	0	1	0	0	0	1	0	2	2	1	0	0	1	1	0	1	0	1
26	1	1	0	1	6	2	2	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	8	0	1	1	0	0	0	0	0	2	0	0	0	0	0	0	1
29	0	0	0	0	0	2	1	1	0	1	1	1	2	2	0	0	0	0	0	2	3	2	1	0	0
30	0	1	0	0	0	0	1	0	0	1	2	0	0	0	0	-	-	-	0	0	2	0	0	0	0
31	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	1	0	2	1	1	2	2	1
MEAN	0	0	0	0	0	1	1	0	1	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0.5

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - SEP 78													MONTH - SEP 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	1	0	1	3	3	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0		
2	0	0	0	0	0	1	2	2	2	1	2	2	3	4	3	3	3	0	1	1	0	1	0	2	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	1	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
6	0	0	0	1	2	0	2	1	2	9	5	2	3	2	3	3	3	2	2	2	1	0	0	2	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
8	0	0	0	0	0	0	0	2	2	0	0	0	2	0	1	2	2	0	1	0	0	0	0	1	
9	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
10	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	
11	1	1	0	0	1	0	1	1	1	0	0	1	1	3	3	3	2	1	0	0	0	0	0	1	
12	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	0	0	0	1	1	3	0	0	0	
14	0	0	0	0	1	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	1	0	0	
15	0	1	1	0	0	0	0	0	0	0	1	4	2	0	0	0	0	2	0	0	2	0	2	1	
16	0	0	0	0	1	3	4	2	0	1	0	0	0	0	0	0	0	1	5	0	0	1	0	1	
17	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	2	0	0	0	0	
18	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
19	0	0	0	0	0	1	0	0	2	1	0	0	0	2	2	1	2	0	2	0	0	0	0	1	
20	0	2	2	5	0	3	4	3	3	3	3	3	3	3	2	2	2	2	4	3	2	2	3	3	
21	2	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	2	3	3	2	2	0	0	1	
22	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	4	4	3	0	1	2	1	
23	5	4	4	3	2	2	4	2	4	2	0	3	0	1	0	1	0	0	0	0	0	0	0	2	
24	0	0	2	2	0	3	4	2	2	1	2	2	2	2	2	0	0	1	2	2	1	0	0	1	
25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	
26	1	2	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	1	2	3	4	3	3	1	
27	0	1	2	2	1	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	1	0	3	2	2	2	1	1	0	0	0	0	2	2	0	0	0	0	0	1	
29	1	1	1	3	0	1	3	3	2	3	4	2	0	0	0	0	0	0	0	0	0	2	2	1	
30	0	0	0	0	0	2	0	0	0	3	1	0	3	3	2	4	3	4	4	4	4	3	3	2	
MEAN	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.7	

PERCENTAGE OF DATA VALID - 97.6

PERCENT

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CGMS/1000 FT

STATION - NE NO. 7702B

GOVERNMENT/EDWARD ST CONISTON

MONTH - OCT 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	1	1	1
2	1	0	2	0	2	3	2	4	1	0	2	0	0	0	1	0	1	0	2	2	3	2	2	0	1
3	2	0	1	0	0	0	2	1	1	4	2	2	2	4	0	0	0	0	0	0	2	1	2	0	1
4	0	1	0	0	0	2	2	3	2	2	1	0	3	0	0	0	0	2	0	3	2	3	4	2	1
5	3	4	7	6	10	10	16	12	3	6	3	4	5	0	0	0	2	0	2	0	2	0	14	2	5
6	1	2	1	2	0	0	0	4	***	3	2	0	2	0	2	3	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	1	0	0	1	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	5	3	0	2	1	4	1
9	3	4	3	3	5	3	3	2	***	***	***	2	2	0	0	0	0	1	1	2	2	2	1	1	2
10	2	2	2	2	2	5	6	8	9	***	4	3	2	2	2	3	0	***	6	3	4	3	5	5	4
11	4	6	3	6	5	7	7	5	5	4	3	3	4	3	3	3	3	3	3	4	3	3	4	3	4
12	3	3	3	1	2	3	1	3	1	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	1	3	4	0	0	0	0	1	2	1	0	0	0	0	0	0	1	2	0	1
14	11	2	6	10	15	11	9	9	5	6	7	5	3	0	0	1	0	0	0	0	0	1	2	0	1
15	2	0	6	1	0	3	2	3	3	0	1	2	2	1	0	0	0	0	0	0	0	0	2	0	1
16	2	0	0	4	0	0	2	4	0	3	1	0	0	0	0	0	0	0	2	0	4	6	4	3	1
17	5	2	4	3	0	2	8	2	3	5	1	2	0	2	0	2	2	1	3	2	3	2	2	2	2
18	2	2	3	3	0	2	4	4	2	1	2	1	3	3	3	1	0	0	2	0	1	0	0	0	2
19	0	0	0	0	2	6	3	2	3	2	0	2	3	2	0	0	0	0	2	1	2	2	2	0	2
20	0	0	0	0	2	3	2	3	3	3	0	1	0	1	0	0	0	0	1	1	2	3	2	4	1
21	3	2	0	2	2	2	4	9	10	5	3	3	4	4	3	3	3	4	3	4	5	4	3	5	4
22	3	4	6	2	***	***	3	4	5	3	3	4	3	4	3	2	2	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	3	0	0	0	***	0	0	0	2	1	0	0	2	0	3	4	8	4	8
24	4	4	3	2	3	7	5	3	3	3	0	0	2	0	0	0	2	0	0	4	1	3	2	0	2
25	1	2	0	1	3	0	3	2	3	2	3	1	3	2	2	2	2	3	2	3	3	3	3	3	2
26	2	1	0	0	0	0	2	2	3	4	3	1	0	0	0	0	2	2	2	6	3	7	6	3	2
27	2	2	2	0	2	2	2	2	2	2	0	0	1	3	0	0	1	3	2	5	3	5	4	2	2
28	4	3	4	4	0	0	0	0	1	0	0	0	0	0	1	3	0	0	2	0	0	0	0	0	1
29	0	0	0	0	0	1	0	2	4	2	0	0	1	1	3	2	1	0	2	0	0	0	0	3	1
30	0	0	0	0	1	0	***	3	0	0	0	0	1	0	0	0	1	2	3	3	4	4	5	3	1
31	4	3	3	4	6	2	1	3	3	1	2	3	3	2	1	0	0	0	0	0	8	5	6	8	3
MEAN	2	2	2	2	2	2	3	3	3	2	2	1	2	1	1	1	1	1	2	1	2	3	3	3	1.9

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CGMS/1000 FT

STATION - NE NO. 7702B

GOVERNMENT/EDWARD ST CONISTON

MONTH - NOV 78

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	3	2	3	3	4	4	3	1	1	1	0	0	0	0	0	2	3	4	1	2	1	2
2	2	1	4	2	1	1	2	2	1	5	5	4	5	3	2	2	6	3	2	2	4	3	5	7	3
3	7	5	5	4	0	0	0	3	0	0	2	2	2	4	5	4	3	3	2	4	4	5	4	2	3
4	3	3	3	4	4	4	3	9	6	5	4	3	3	3	3	2	0	0	0	0	0	0	0	0	3
5	2	0	0	3	0	1	0	3	7	2	2	8	8	5	4	0	0	0	2	0	3	2	1	2	3
6	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	0	0	1	0	0	1
7	0	0	0	0	0	0	0	2	1	0	1	0	1	1	2	2	2	2	2	3	2	3	2	0	1
8	0	0	1	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2
9	0	2	0	3	0	1	2	4	5	4	4	3	3	2	2	3	2	2	1	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	7	3	8	11	7	2
11	10	10	7	2	6	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	4	2	1	0	2	0	0	0	0	0	0	2	0	0	2	0	1	4
14	4	3	3	2	2	0	0	0	2	0	2	1	1	0	1	1	3	3	6	7	9	4	7	2	3
15	0	0	1	0	3	10	0	0	2	6	4	0	3	0	0	2	0	0	1	1	0	2	0	1	2
16	8	7	4	3	6	6	2	5	0	3	2	0	0	4	3	2	1	0	0	0	0	2	0	0	1
17	0	0	0	0	1	0	0	0	0	***	0	0	0	2	1	1	0	2	4	0	2	0	0	0	1
18	0	0	0	0	1	0	0	0	1	2	2	3	1	1	3	4	8	1	0	0	0	0	0	0	2
19	0	0	1	3	0	2	2	3	3	3	2	3	4	4	4	3	3	1	1	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	1	0	1	0	1	***	2	0	2	1	2	3	0	2	0	1
21	2	0	2	0	3	0	2	2	3	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
22	0	2	2	2	0	1	3	4	8	***	0	0	0	3	1	1	0	1	0	0	0	2	3	3	2
23	2	0	0	0	0	0	1	0	0	0	0	7	0	1	2	0	0	0	2	2	1	3	10	11	2
24	5	10	8	14	8	10	7	11	15	20	***	***	3	2	2	1	1	3	3	0	0	0	0	2	6
25	2	0	1	0	0	0	1	4	2	2	0	2	0	2	3	3	2	2	1	2	4	2	0	2	2
26	0	1	0	0	0	1	2	8	2	1	1	0	1	2	4	3	6	4	2	3	4	2	0	0	2
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	3	2	4	4	5	3	5	8	3	1	2	3	2	1	0	1	1	0	2
29	0	0	0	0	0	0	1	3	2	2	2	3	5	0	2	0	1	2	2	3	2	2	1	3	2
30	2	5	6	6	3	6	7	10	11	9	3	3	6	8	9	12	4	4	5	11	6	8	10	11	7
MEAN	2	2	2	2	1	2	1	3	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - DEC 78													MONTH - DEC 78												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	6	8	6	4	5	2	0	2	0	0	****	2	2	7	7	2	1	3	5	10	7	5	10	
2	5	5	7	7	7	0	5	2	3	0	9	0	0	1	0	0	0	4	3	2	4	3	4	4	3
3	2	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
4	1	0	0	2	0	4	3	3	5	4	3	3	2	1	0	2	3	0	0	1	0	0	1	0	2
5	2	1	0	2	0	0	0	0	2	0	0	3	0	0	2	0	2	2	1	0	2	0	0	0	1
6	1	0	1	4	3	3	1	3	4	3	1	0	9	2	2	2	0	2	5	5	4	9	12	5	3
7	4	3	4	4	5	4	4	7	9	3	4	0	0	2	0	3	5	5	4	1	6	4	3	2	4
8	3	4	1	0	1	5	2	9	12	3	7	3	2	2	7	2	2	3	10	6	10	4	2	2	4
9	1	6	3	5	****	3	6	6	9	7	3	6	2	5	3	3	3	4	2	3	3	3	0	1	4
10	2	11	6	3	0	8	5	4	3	2	3	1	2	2	2	2	3	6	9	6	4	4	1	4	4
11	5	6	1	9	1	6	2	6	5	3	0	0	4	2	1	0	3	3	2	0	2	0	0	0	3
12	4	1	2	2	2	3	2	3	5	1	0	3	1	0	1	2	2	0	2	0	1	2	2	0	2
13	2	2	2	2	2	1	0	3	3	4	5	6	10	6	0	1	0	0	0	0	0	0	0	2	2
14	7	7	7	3	5	4	3	3	3	2	0	0	0	0	0	0	0	0	-	-	-	-	-	-	2
15	-	-	-	-	-	-	-	-	-	3	4	11	4	4	3	1	1	2	3	2	1	1	0	1	****
16	0	0	0	0	1	0	8	8	9	6	7	3	7	2	4	0	3	0	2	2	0	0	2	5	3
17	4	2	0	0	0	0	2	0	0	1	1	4	1	0	0	0	1	0	3	1	2	3	3	5	1
18	4	4	3	3	3	5	7	6	9	2	1	2	0	0	0	1	2	2	2	1	1	3	1	1	3
19	2	4	3	0	0	0	4	4	9	7	4	2	2	7	4	6	5	10	10	4	2	3	2	1	4
20	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	3	1	0	0	0	1	0	0
21	0	0	0	1	0	0	0	0	0	1	2	0	0	3	5	7	12	11	18	14	8	3	3	3	4
22	5	5	2	1	0	0	0	0	4	0	0	0	2	2	0	1	2	0	0	1	0	0	1	1	1
23	0	0	0	0	2	1	0	2	7	4	8	5	0	4	2	1	1	2	3	8	6	7	6	5	3
24	2	0	3	0	0	1	0	4	0	3	0	0	0	0	2	2	2	1	1	2	1	0	0	1	1
25	1	0	1	1	1	1	1	2	3	2	2	7	10	7	5	4	3	4	5	3	0	3	3	3	3
26	3	2	0	3	0	7	5	0	0	6	1	6	0	2	3	0	1	4	4	7	7	5	9	8	3
27	4	6	3	3	2	5	2	3	-	****	4	0	0	3	0	2	5	10	5	6	5	7	7	6	4
28	4	4	3	3	1	0	2	3	8	3	5	4	4	3	1	4	6	3	4	6	11	9	6	8	4
29	8	4	4	3	0	0	1	2	0	2	1	-	-	-	0	0	1	0	0	0	0	0	0	0	1
30	0	****	0	1	0	1	2	0	0	0	0	0	1	1	0	0	0	1	0	2	0	0	1	0	0
31	1	2	2	2	1	2	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
MEAN	3	3	2	2	1	2	2	3	4	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	2.5

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

## MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	8	24
FEB	28	1.9	4	13
MAR	31	2.2	5	17
APR	29	1.2	3	12
MAY	27	1.5	4	16
JUN	30	0.9	2	7
JUL	31	0.8	3	40
AUG	31	0.5	2	16
SEP	30	0.7	3	9
OCT	31	1.9	5	16
NOV	30	1.9	7	20
DEC	30	2.5	5	18
YEAR	359	1.6	8	40

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - NE NO 77075		KENNEDY ST NEW SUBURBY												MONTH - FEB 78											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	4	5	3	0	0	0	2	3	0	0	0	0	0	3	3	6	9	9	10	7	11	5	3
2	3	2	0	0	0	0	0	2	5	2	2	2	2	3	3	3	2	4	5	11	6	5	7	4	3
3	3	5	3	0	0	0	0	0	5	2	1	***	2	0	0	3	3	5	6	4	7	4	5	2	1
4	4	6	3	1	3	3	3	5	7	8	2	***	***	***	2	1	2	2	6	5	1	2	3	2	1
5	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3	0	0	0	0	0	1	2	0	0
8	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	0	0	2	5	2	0	2	1
9	4	2	0	2	0	3	4	4	3	2	4	3	2	1	3	1	1	0	2	0	3	8	8	3	3
10	***	5	3	4	3	6	5	5	9	***	5	5	3	1	2	2	3	4	6	7	8	5	7	3	5
11	4	3	2	2	0	0	0	0	0	0	0	0	0	0	1	2	2	2	5	3	2	3	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	0	1	2	2	1	0	0
14	0	0	0	3	2	2	2	6	14	6	6	5	6	2	2	1	3	3	2	0	5	5	8	4	4
15	2	4	3	0	2	0	2	2	3	***	0	1	2	2	0	2	3	3	3	3	3	3	3	3	2
16	3	2	3	3	3	3	5	5	2	2	3	1	3	2	2	2	2	2	2	2	3	2	2	2	3
17	2	2	1	2	1	1	2	3	***	3	4	3	2	1	3	2	3	2	5	4	3	3	2	2	2
18	2	1	3	0	2	***	0	0	0	2	0	0	0	0	0	0	0	4	6	10	8	7	3	3	2
19	0	3	1	3	4	2	2	3	8	6	4	3	3	2	2	3	2	3	6	6	7	5	7	6	4
20	4	4	6	4	3	4	2	4	4	5	4	6	4	7	3	4	5	6	9	14	5	7	6	4	5
21	2	1	1	0	0	0	0	0	3	2	0	0	0	0	0	1	2	3	3	3	1	0	4	1	1
22	3	3	0	0	1	0	2	2	2	1	0	0	1	2	1	3	3	3	4	***	***	3	0	4	2
23	2	2	3	4	5	4	4	4	3	3	4	3	3	3	3	3	3	6	4	4	4	0	5	5	3
24	6	3	4	1	1	0	0	0	4	0	1	***	0	1	0	0	0	2	2	3	1	5	1	0	2
25	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	3	6	4	0	1
26	1	3	1	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	5	6	6	5	4	2	0	0	0	2	3	3	1	1	3	2	2	0	2
28	1	3	4	2	1	0	0	0	1	2	1	2	0	***	0	0	1	2	3	4	3	2	5	4	2
MEAN	2	2	2	1	1	1	1	2	3	2	2	2	1	1	1	2	2	3	3	4	3	3	3	3	2.1

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075						KENNEDY ST NEW SUBURBY						MONTH - MAR 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	2	2	2	1	0	0	2	0	1	2	2	0	1	1	1	1	3	6	7	5	5	3	2
2	0	0	0	0	2	2	5	5	8	5	6	3	3	0	1	1	1	1	2	3	4	5	4	7	3
3	2	0	0	0	0	1	2	2	3	2	2	5	2	3	2	3	0	0	0	0	0	0	0	1	3
4	0	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	10	9	7	7	7	2
5	4	2	2	2	3	4	3	4	6	6	5	2	2	0	0	0	3	2	4	3	5	4	3	7	3
6	4	2	2	2	3	3	5	8	13	6	3	3	4	3	2	2	0	0	3	2	0	3	5	1	3
7	2	3	2	0	0	0	3	0	3	2	0	1	2	1	0	0	1	2	4	6	5	4	8	7	2
8	6	5	5	5	5	3	5	7	12	8	3	2	0	1	1	1	0	1	2	3	3	4	3	4	2
9	3	1	1	1	0	2	0	3	3	2	2	2	2	0	2	3	2	3	2	3	3	5	4	6	2
10	5	2	0	0	0	0	0	0	2	***	2	0	0	1	2	1	0	3	4	3	5	7	4	4	2
11	4	4	3	2	1	2	2	2	2	3	3	3	2	3	3	4	3	3	2	3	3	3	3	3	3
12	2	3	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	2	0	2	2	2	3	1
13	3	2	2	3	3	3	2	2	3	***	0	2	2	2	2	2	2	1	0	2	3	3	2	2	2
14	2	2	2	3	2	2	2	2	3	1	2	2	3	2	2	2	2	0	0	0	0	0	1	0	2
15	5	14	0	0	0	0	0	0	2	0	2	1	0	1	0	0	0	0	3	9	5	6	10	7	3
16	3	4	***	***	***	***	2	3	8	2	1	2	2	0	0	2	0	0	0	5	5	5	3	2	2
17	2	1	0	2	2	2	1	3	6	2	3	3	4	3	3	1	0	3	4	3	4	2	3	2	2
18	2	0	1	0	2	6	6	5	6	4	3	2	2	0	2	0	0	2	2	2	2	2	2	2	2
19	2	2	3	2	3	3	2	2	0	0	0	0	0	2	1	0	0	1	2	2	4	4	5	9	2
20	5	4	3	2	3	3	4	8	12	7	3	2	2	2	1	2	1	1	2	2	3	3	3	2	3
21	1	0	0	0	0	0	0	1	2	1	2	1	0	2	1	2	0	1	1	0	2	1	2	2	1
22	2	0	2	0	0	2	2	7	10	6	10	4	3	2	1	0	0	0	1	2	1	2	0	2	2
23	3	3	2	3	2	2	3	3	4	4	0	2	1	2	0	0	0	0	0	0	0	0	1	0	1
24	0	1	0	1	1	0	0	1	0	2	2	2	0	2	1	1	1	0	2	5	7	9	8	9	2
25	6	5	3	1	3	2	3	4	3	3	3	3	3	0	2	2	1	0	0	3	2	8	6	3	3
26	3	1	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	1	2	0	1	0
27	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	2	1	3	5	6	4	2	3	1
28	2	3	3	3	0	1	0	2	3	4	3	2	2	2	2	1	1	0	0	0	0	0	0	0	1
29	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	3	3	5	5	1
30	3	3	4	2	3	4	4	5	11	5	3	2	2	3	2	3	2	2	2	4	2	4	3	3	3
31	3	2	2	2	0	3	***	***	2	0	***	0	0	-	-	0	2	2	0	0	0	-	0	0	1
MEAN	3	2	1	1	1	2	2	3	4	3	2	2	2	1	1	1	1	1	2	3	3	3	4	3	2.1

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - JUN 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0
2	0	1	1	2	0	1	2	1	2	0	0	0	1	0	2	1	0	0	0	0	0	0	0	0	1
3	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	3	0
5	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0
6	0	0	0	0	0	0	2	1	1	0	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
7	3	3	3	2	3	2	3	3	3	2	3	3	3	3	4	4	4	2	2	1	0	0	0	0	2
8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	1
9	2	2	2	2	2	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	1
10	2	0	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	2	2	1
11	2	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	3	2
12	3	4	6	3	2	2	2	2	2	3	0	4	***	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0
16	0	2	0	1	0	1	2	2	2	2	2	3	2	3	3	3	2	2	3	2	1	2	2	2	2
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	3	3	2	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0
20	0	0	1	0	0	3	2	0	2	2	3	3	2	2	1	1	2	1	1	1	2	2	2	2	1
21	2	2	2	2	2	3	3	3	***	2	2	3	2	3	2	0	0	0	0	0	0	2	0	0	2
22	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0
24	2	2	2	2	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
25	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	3	2	3	3	3	2	2	2	1
26	2	2	2	2	2	2	3	3	4	3	3	3	3	2	3	3	2	2	0	0	0	2	2	1	2
27	1	2	2	2	1	0	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	***	1	0	0	0	2	0	0	0	1	1	0	0	0	0	0
29	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. \*\* INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - JUL 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0
3	4	4	2	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1
4	0	2	0	2	2	2	3	2	0	2	2	1	2	0	0	2	0	1	2	2	1	1	3	2	1
5	0	1	0	1	3	1	2	1	2	0	0	2	1	1	0	1	0	0	0	1	1	1	1	0	1
6	1	0	1	2	2	2	3	3	3	3	4	3	2	3	3	3	3	3	3	3	3	2	2	3	3
7	2	3	3	3	3	3	5	4	2	3	3	2	3	2	2	3	3	3	3	3	4	4	4	4	3
8	3	3	3	3	3	3	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	3	2	1	1
9	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0
12	0	0	0	1	2	2	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
13	0	0	1	1	2	3	3	3	2	2	3	3	3	3	4	3	3	2	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
18	0	0	2	1	1	3	3	0	1	1	1	0	2	2	2	2	3	3	3	3	3	3	3	4	2
19	3	2	2	2	2	2	3	3	***	3	3	4	3	2	0	2	3	3	3	3	3	3	3	4	3
20	3	2	1	0	1	2	2	2	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	1	0	0	***	***	0	0	0	0	0
22	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	2	0	0	1	2	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	2	1	0	2	0	1
26	0	0	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	0	0	0	2	2	0	1	1
27	0	0	0	0	0	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	***	0	0	0	0	***	***	***	***	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. \*\* INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - OCT 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	0	
2	0	1	1	2	0	3	6	8	0	2	2	1	0	0	0	0	0	2	0	2	2	2	2	2	2
3	1	1	0	0	0	0	1	3	2	3	2	2	2	2	2	2	0	1	0	0	0	2	2	0	1
4	2	2	1	0	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	2	2	3	2	0	1
5	0	1	0	0	0	1	2	3	2	2	2	2	2	2	2	2	2	3	2	0	1	0	0	1	1
6	1	0	0	2	0	0	2	3	***	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	7	3	2	0	1
9	0	0	0	0	2	2	3	3	***	***	***	1	0	0	0	0	0	0	1	1	2	2	1	2	1
10	1	1	2	1	1	3	3	12	13	4	4	3	2	3	2	2	-	***	4	2	3	2	4	2	3
11	2	3	3	2	3	4	5	7	4	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
12	3	2	2	2	2	2	0	2	2	0	0	0	0	0	0	1	1	0	1	0	3	3	2	1	1
13	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	1	0	0	1	0	2	1	3	2	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
15	1	2	3	3	3	2	2	3	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	3	0
16	0	2	1	0	0	0	3	5	2	0	0	0	0	0	0	0	0	0	0	2	6	9	6	3	2
17	2	3	2	2	0	1	3	5	3	3	0	0	0	1	0	1	0	0	2	2	1	2	1	0	1
18	0	0	1	2	0	2	2	3	3	3	3	3	4	3	4	0	0	0	0	1	0	1	0	0	1
19	0	0	0	0	2	1	0	1	1	0	0	1	2	1	0	0	3	2	1	0	2	2	2	1	0
20	0	0	0	0	0	3	6	3	3	1	0	0	0	0	1	2	0	0	1	2	1	2	2	3	1
21	5	5	4	2	2	3	3	7	10	7	4	4	4	4	4	3	4	4	5	6	6	5	4	4	5
22	4	3	3	3	***	***	3	3	3	3	3	4	4	3	3	3	2	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	1	***	0	0	0	0	0	0	0	0	0	1	3	4	6	4	5	1
24	4	4	3	3	4	3	5	3	2	0	0	2	0	0	0	1	1	0	1	0	1	2	2	2	2
25	0	2	2	2	0	2	3	2	3	2	3	2	3	2	2	3	1	2	2	2	4	3	2	0	2
26	0	0	0	0	0	0	0	6	6	0	0	0	0	0	1	0	0	0	3	3	4	5	3	2	1
27	2	1	2	0	3	0	3	5	4	1	1	1	1	2	1	2	2	3	3	4	5	3	4	2	2
28	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	4	5	4	3	6	0	1
30	0	0	0	0	0	1	3	2	***	***	0	0	1	1	1	0	2	2	2	3	4	3	3	3	1
31	4	3	5	3	1	1	1	2	3	0	0	0	0	0	0	1	0	0	2	2	8	7	6	4	2
MEAN	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1.5

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - NOV 78													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	4	4	3	3	2	7	5	3	0	1	0	0	0	0	0	0	0	2	0	1	2	0	2
2	2	0	2	1	2	3	3	3	6	5	2	2	2	1	2	2	2	3	4	10	11	5	8	5	4
3	3	4	4	3	3	2	3	2	3	2	2	2	3	3	3	4	4	5	4	4	8	6	7	7	4
4	7	8	7	7	6	5	6	7	10	4	3	3	2	1	1	0	0	0	0	3	2	0	1	2	4
5	1	0	0	0	0	1	0	0	3	4	6	8	8	8	7	7	6	6	6	6	***	4	3	3	4
6	2	0	0	0	0	0	0	3	4	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	3	6	2	3	4	2	4	1
8	1	0	0	0	0	3	0	0	0	0	1	0	1	5	0	2	2	2	2	3	2	2	2	1	1
9	2	1	2	0	1	4	3	4	6	6	3	2	2	2	2	2	2	1	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	0	2	1	0	2	1	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	6	3	0	0	1
13	0	0	0	0	0	0	0	0	2	2	1	1	0	0	1	2	1	0	0	0	2	2	4	4	1
14	3	3	3	2	0	1	2	0	1	2	0	0	1	0	0	1	1	1	1	2	2	2	0	0	1
15	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3	4	6	4	3	3	2	1	1
16	1	0	0	0	0	0	0	4	4	1	0	0	0	0	0	2	2	2	5	3	3	2	3	2	1
17	1	0	2	0	0	0	0	1	2	0	***	1	3	0	2	3	2	2	2	0	1	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0
19	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	2	3	1	1	2	1	3	3	3	1	0	1	0	0	0	2	1	2	2	0	0	0	2	1	1
22	2	0	0	2	1	0	2	2	7	8	5	***	2	2	0	2	3	2	2	0	0	0	0	0	2
23	0	0	0	0	0	0	0	1	2	1	1	2	2	0	1	2	2	2	2	2	2	2	4	2	1
24	2	2	3	3	2	2	3	6	6	3	3	0	0	0	0	2	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	0
27	1	2	0	0	0	1	0	0	2	1	2	0	0	1	0	1	1	0	0	2	0	0	1	0	1
28	0	0	0	0	0	0	0	0	2	2	0	1	1	0	2	3	6	6	3	2	2	2	2	0	1
29	0	0	0	0	0	0	0	1	2	1	1	2	2	2	1	2	3	3	2	2	1	1	1	2	1
30	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	2	5	7	10	8	7	7	10	9	3
MEAN	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. \*\*\* INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1978

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	618	102	12	0	0	0	0	732
FEB	567	88	4	0	0	0	0	659
MAR	644	83	5	0	0	0	0	732
APR	560	4	0	0	0	0	0	564
MAY	722	12	0	0	0	0	0	734
JUN	704	1	0	0	0	0	0	705
JUL	735	1	0	0	0	0	0	736
AUG	727	0	0	0	0	0	0	727
SEP	697	6	0	0	0	0	0	703
OCT	693	37	2	0	0	0	0	732
NOV	659	55	1	0	0	0	0	715
DEC	626	90	5	0	0	0	0	721
YEAR	7952	479	29	0	0	0	0	8460

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

96.6

0

0.0

0.0

0.0

1.5

3.0

4.5

6.5

7.8

15

1.3

19

131

8005

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